



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

|                   |                    |                    |                   |
|-------------------|--------------------|--------------------|-------------------|
| Lab Sample ID:    | 20 PPM AROMATIC HC | Acq On:            | 21 Apr 2023 16:57 |
| Client Sample ID: |                    | Operator:          | YP/AJ             |
| Data file:        | FD045520.D         | Misc:              |                   |
| Instrument:       | FID_D              | ALS Vial:          | 58                |
| Dilution Factor:  | 1                  | Sample Multiplier: | 1.00              |

| Compound         | R.T.   |        | Response     | Conc    | Units |
|------------------|--------|--------|--------------|---------|-------|
| Aromatic C10-C12 | 4.254  | 5.986  | 6584411.000  | 40.000  | ug/ml |
| Aromatic C12-C16 | 5.987  | 8.601  | 9363335.000  | 60.000  | ug/ml |
| Aromatic C16-C21 | 8.602  | 12.867 | 11165552.000 | 80.000  | ug/ml |
| Aromatic C21-C36 | 12.868 | 18.256 | 23447256.000 | 180.000 | ug/ml |
| Aromatic EPH     | 4.254  | 18.256 | 50560554.000 | 360.000 | ug/ml |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042123AR\  
 Data File : FD045520.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Apr 2023 16:57  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD3  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Apr 22 03:32:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 18:47:55 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.546  | 2805494    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.401  | 1815164    | 20.000 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.00%       |
| 11) S ortho-Terphenyl (SURR)       | 11.440 | 3457538    | 20.000 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.00%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.355  | 3261888    | 20.000 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.886  | 3322523    | 20.000 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.934  | 3287849    | 20.000 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.205  | 2930957    | 20.000 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.501  | 3144529    | 20.000 ug/ml |
| 8) T Fluorene (C16.55)             | 9.278  | 2997443    | 20.000 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.669 | 2881568    | 20.000 ug/ml |
| 10) T Anthracene (C19.43)          | 10.742 | 2512827    | 20.000 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.473 | 2843680    | 20.000 ug/ml |
| 13) T Pyrene (C20.8)               | 12.767 | 2773714    | 20.000 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.632 | 2544507    | 20.000 ug/ml |
| 15) T Chrysene (C27.41)            | 14.673 | 2634605    | 20.000 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.173 | 2603735    | 20.000 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.205 | 2618142    | 20.000 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.547 | 2504226    | 20.000 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.904 | 2449372    | 20.000 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.946 | 2680006    | 20.000 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.157 | 2568983    | 20.000 ug/ml |

(f)=RT Delta > 1/2 Window

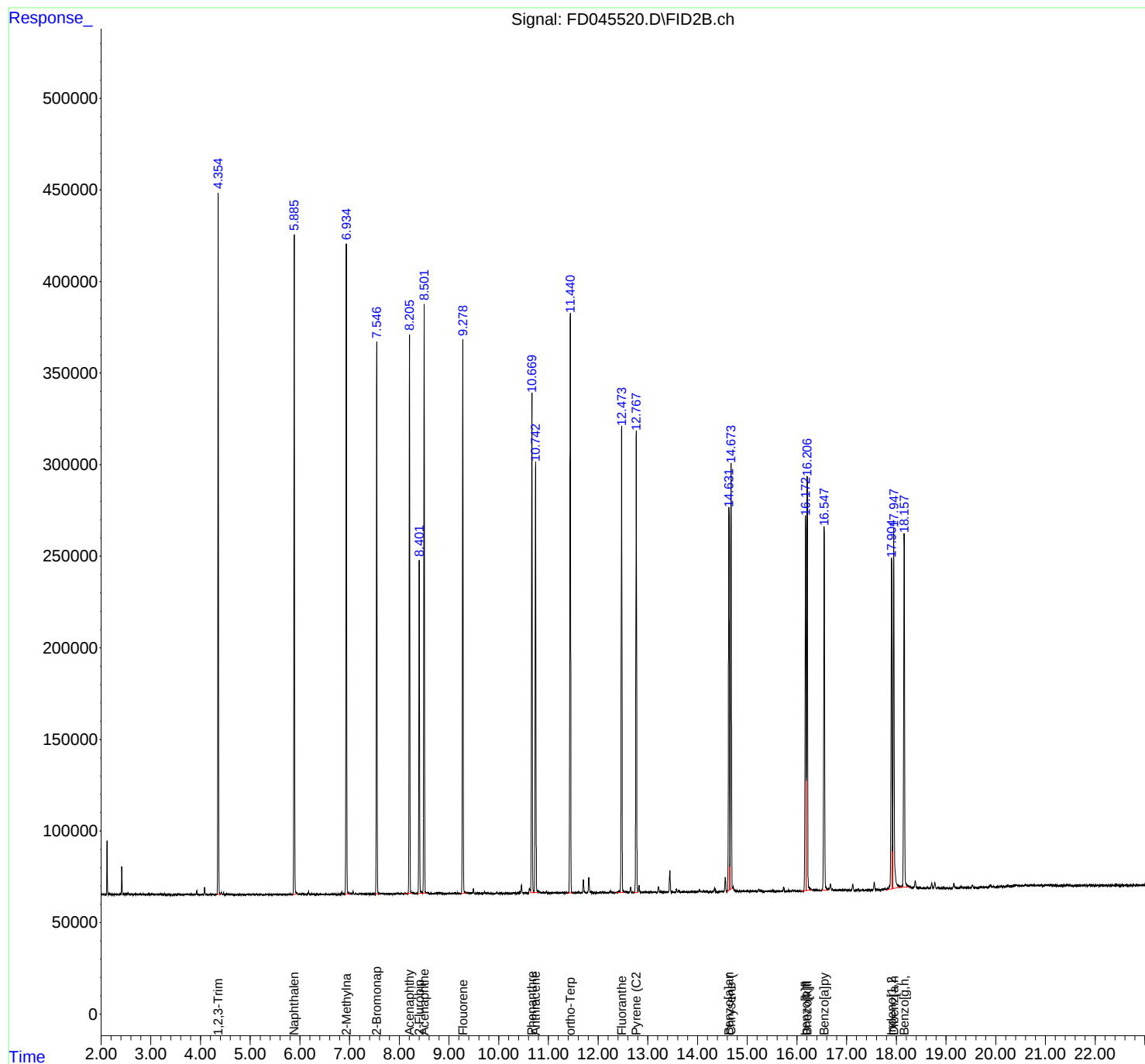
(m)=manual int.

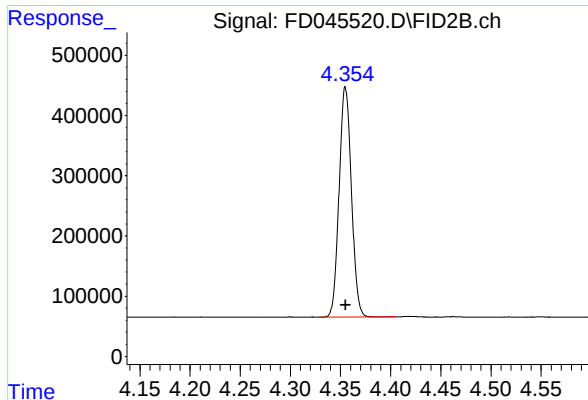
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042123AR\  
Data File : FD045520.D  
Signal(s) : FID2B.ch  
Acq On : 21 Apr 2023 16:57  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD3  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3

Integration File: autoint1.e  
Quant Time: Apr 22 03:32:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042123.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 18:47:55 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

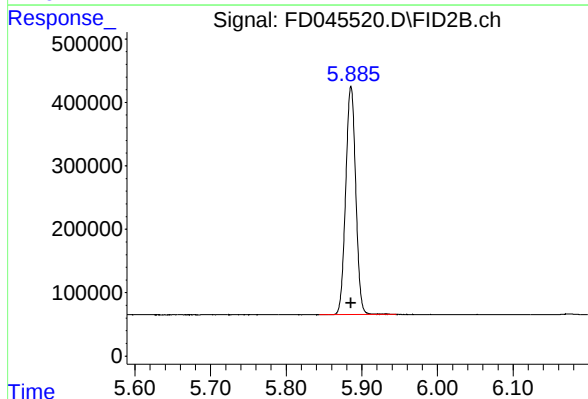




#1 1,2,3-Trimethylbenzene (C10.1)

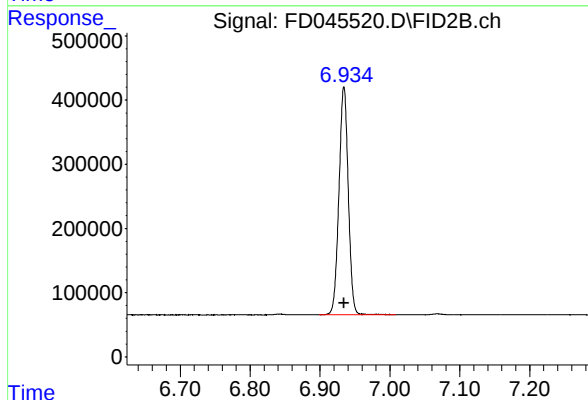
R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 3261888  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3



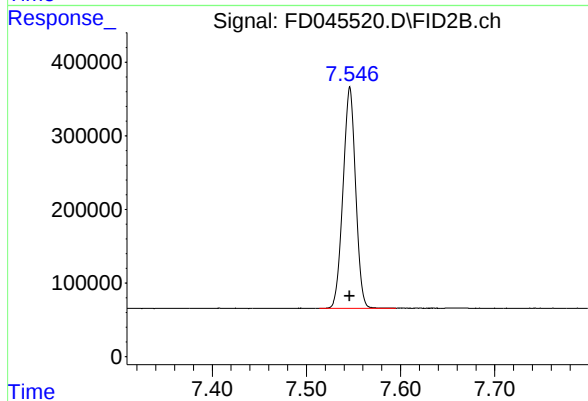
#2 Naphthalene (C11.7)

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 3322523  
Conc: 20.00 ug/ml



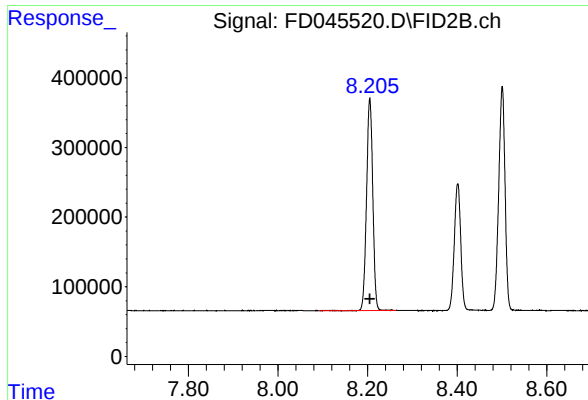
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 3287849  
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

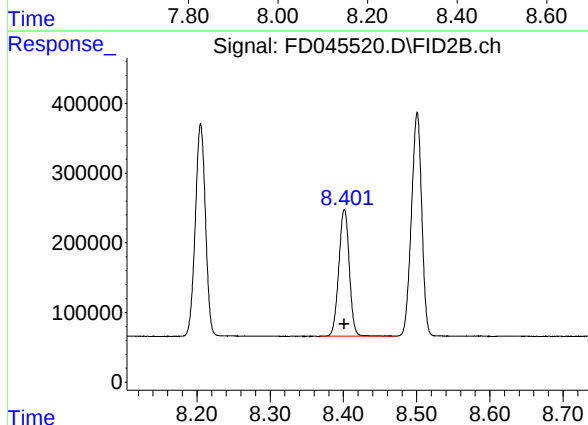
R.T.: 7.546 min  
Delta R.T.: 0.000 min  
Response: 2805494  
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

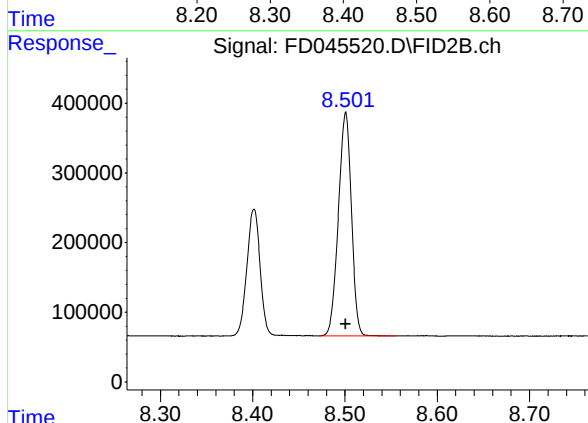
R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 2930957  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3



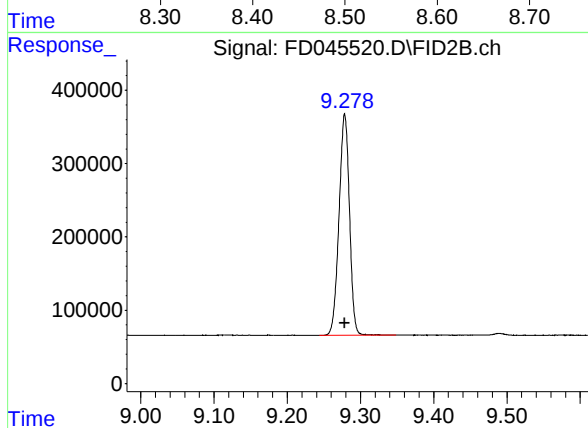
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min  
Delta R.T.: 0.000 min  
Response: 1815164  
Conc: 20.00 ug/ml



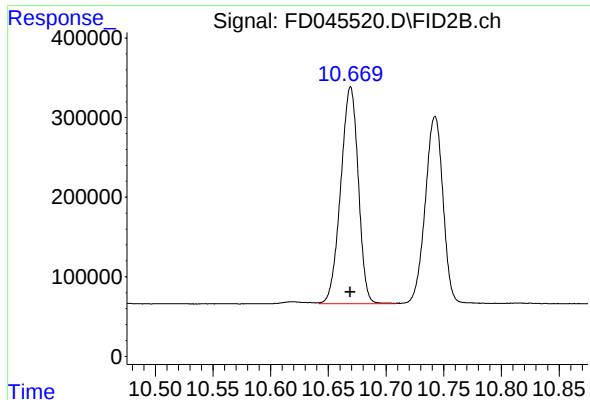
#7 Acenaphthene (C15.5)

R.T.: 8.501 min  
Delta R.T.: 0.000 min  
Response: 3144529  
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

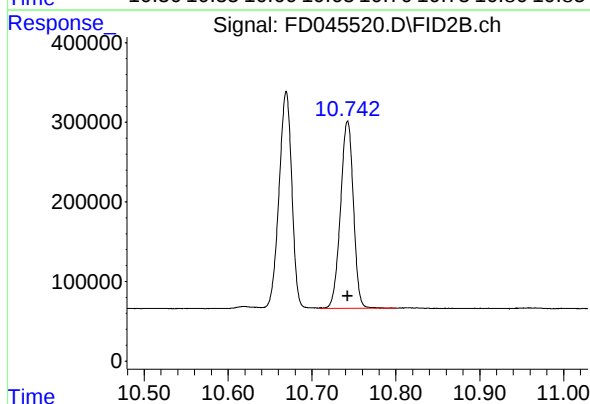
R.T.: 9.278 min  
Delta R.T.: 0.000 min  
Response: 2997443  
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

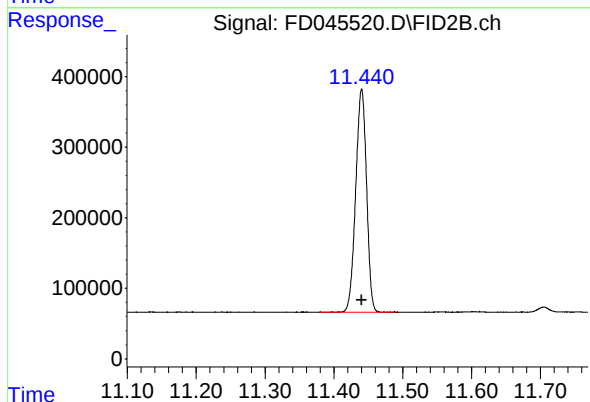
R.T.: 10.669 min  
Delta R.T.: 0.000 min  
Response: 2881568  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3



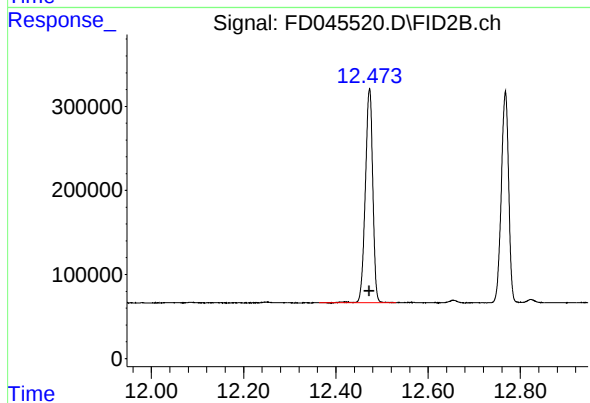
#10 Anthracene (C19.43)

R.T.: 10.742 min  
Delta R.T.: 0.000 min  
Response: 2512827  
Conc: 20.00 ug/ml



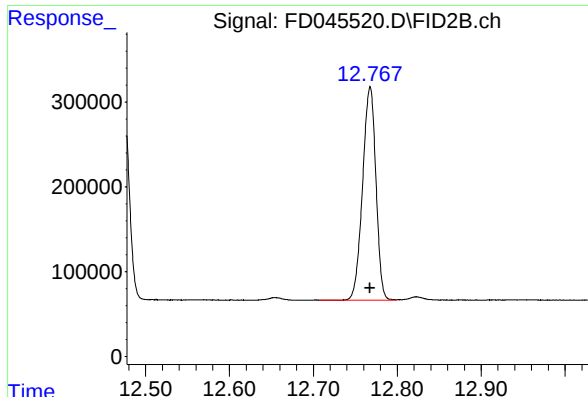
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min  
Delta R.T.: 0.000 min  
Response: 3457538  
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

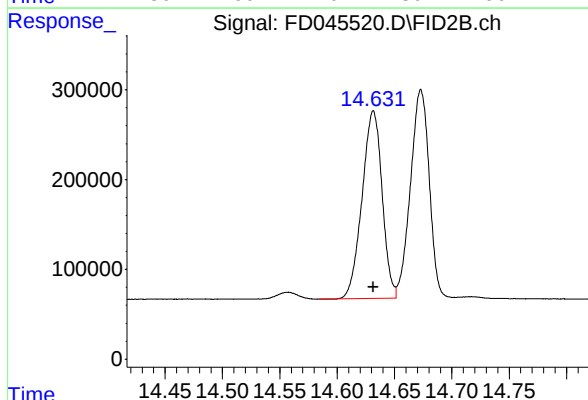
R.T.: 12.473 min  
Delta R.T.: 0.000 min  
Response: 2843680  
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

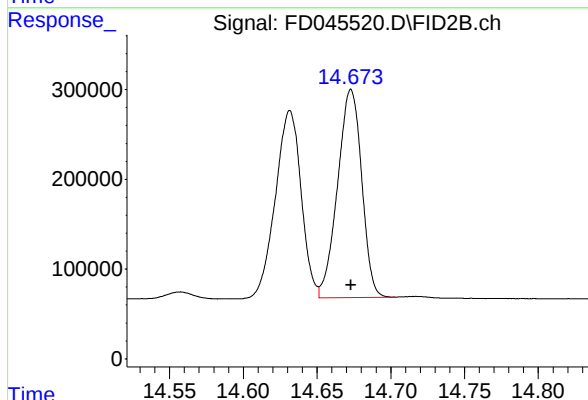
R.T.: 12.767 min  
Delta R.T.: 0.000 min  
Response: 2773714  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3



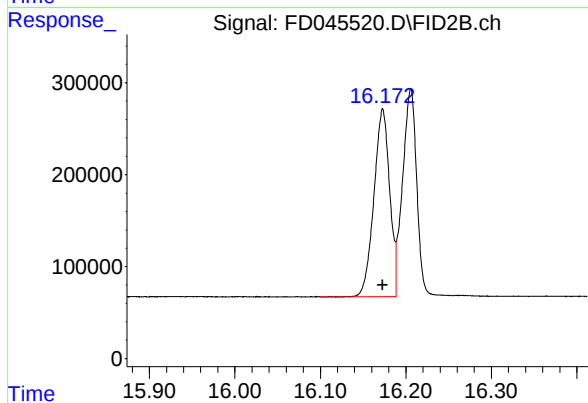
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min  
Delta R.T.: 0.000 min  
Response: 2544507  
Conc: 20.00 ug/ml



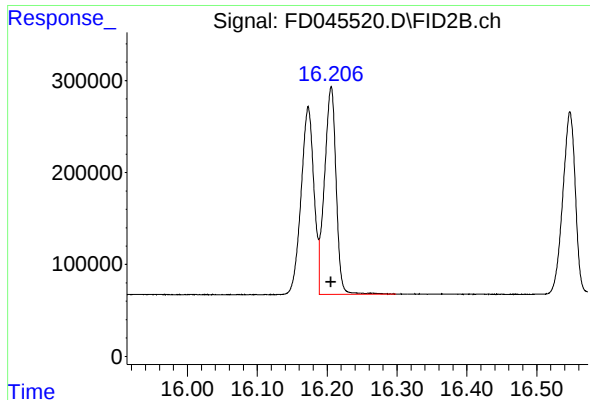
#15 Chrysene (C27.41)

R.T.: 14.673 min  
Delta R.T.: 0.000 min  
Response: 2634605  
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

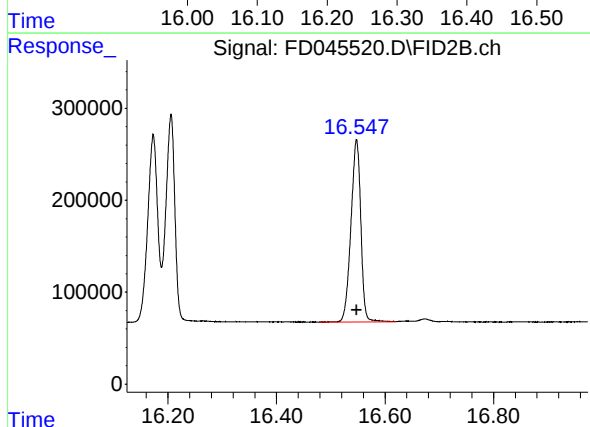
R.T.: 16.173 min  
Delta R.T.: 0.000 min  
Response: 2603735  
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

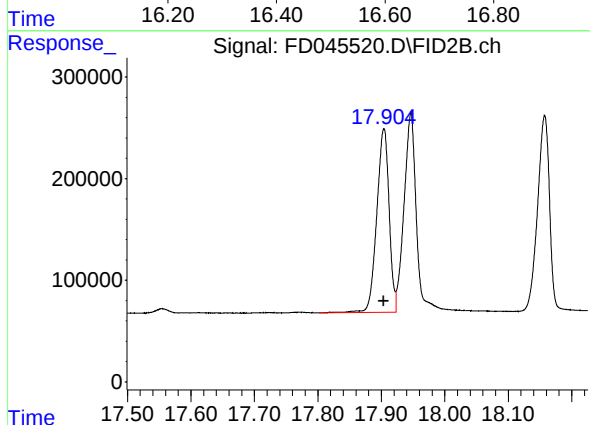
R.T.: 16.205 min  
Delta R.T.: 0.000 min  
Response: 2618142  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3



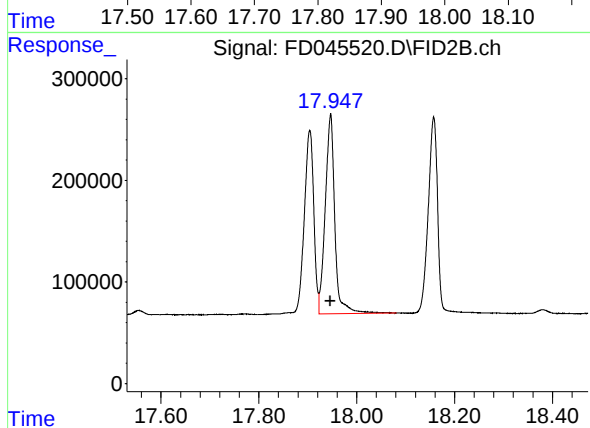
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min  
Delta R.T.: 0.000 min  
Response: 2504226  
Conc: 20.00 ug/ml



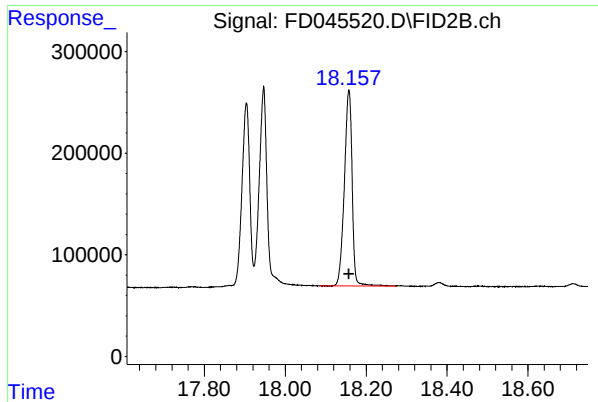
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min  
Delta R.T.: 0.000 min  
Response: 2449372  
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.946 min  
Delta R.T.: 0.000 min  
Response: 2680006  
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.157 min  
Delta R.T.: 0.000 min  
Response: 2568983  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD3