

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049234.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 17:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 08 05:15:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:14:19 2025
 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...	7.753	2891000	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.619	2004998	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.662	3474144	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.544	2923380	20.000 ug/ml
2) T Naphthalene (C11.7)	6.090	3189091	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	3156099	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.423	3452933	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.718	3370715	20.000 ug/ml
8) T Fluorene (C16.55)	9.499	3425296	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.898	3408879	20.000 ug/ml
10) T Anthracene (C19.43)	10.972	3125127	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.711	3382057	20.000 ug/ml
13) T Pyrene (C20.8)	13.009	3346439	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.878	2887039	20.000 ug/ml
15) T Chrysene (C27.41)	14.920	2896928	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.427	2780173	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.460	2742591	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.806	2597077	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	2437667	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	2537576	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.425	2601112	20.000 ug/ml

(f)=RT Delta > 1/2 Window

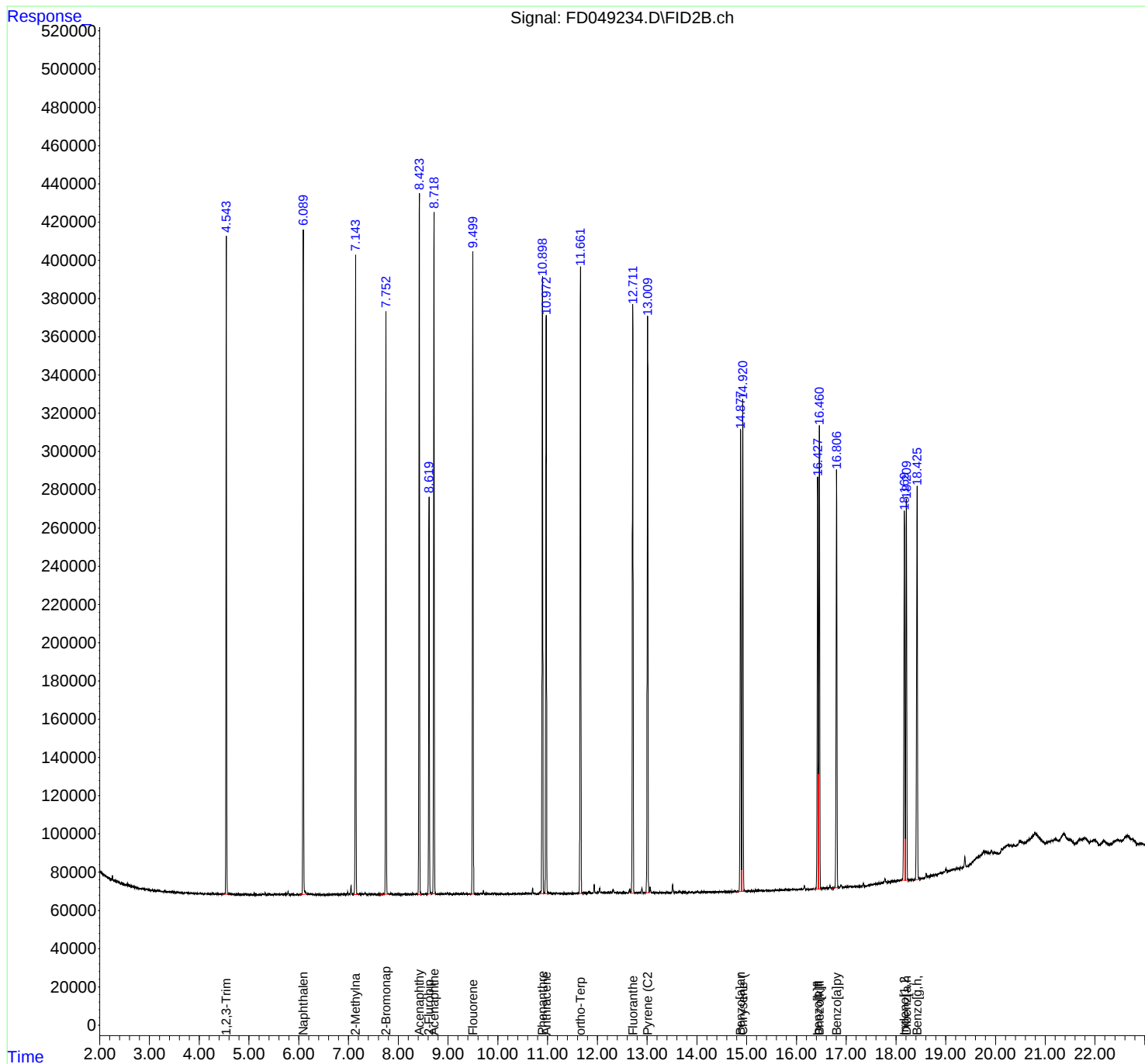
(m)=manual int.

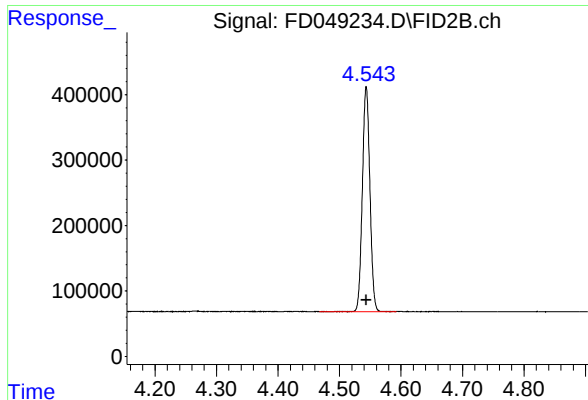
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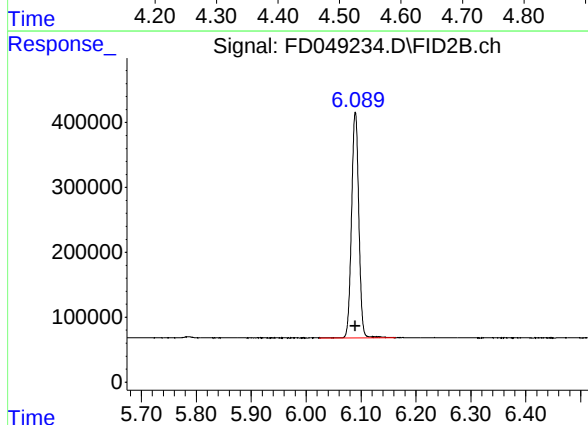




#1 1,2,3-Trimethylbenzene (C10.1)

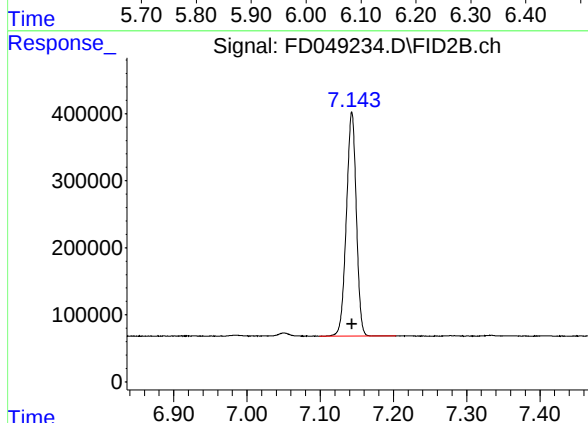
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 2923380
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



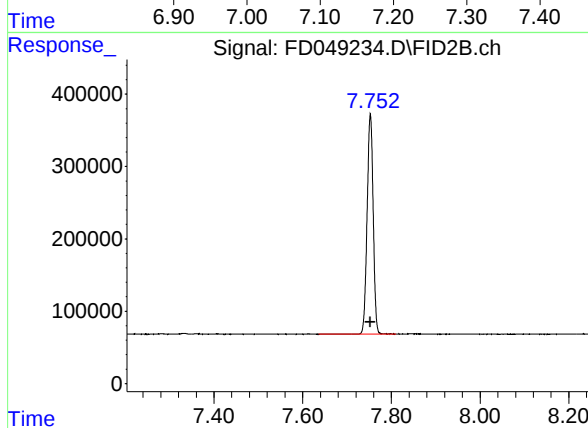
#2 Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 3189091
Conc: 20.00 ug/ml



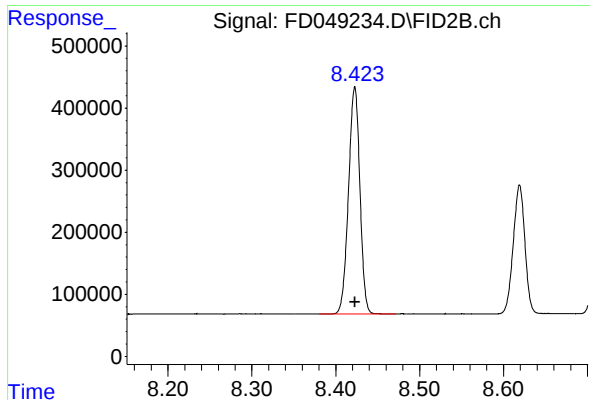
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 3156099
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

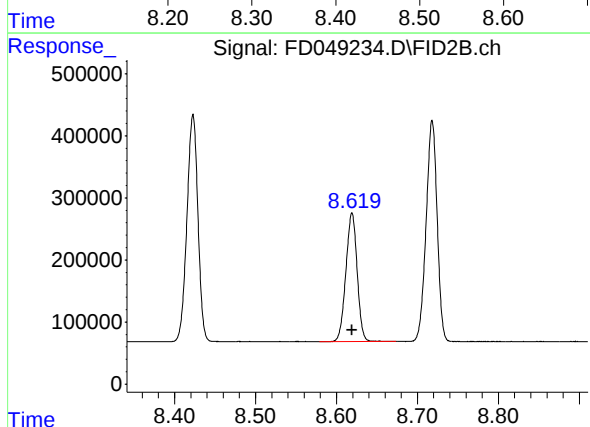
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 2891000
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

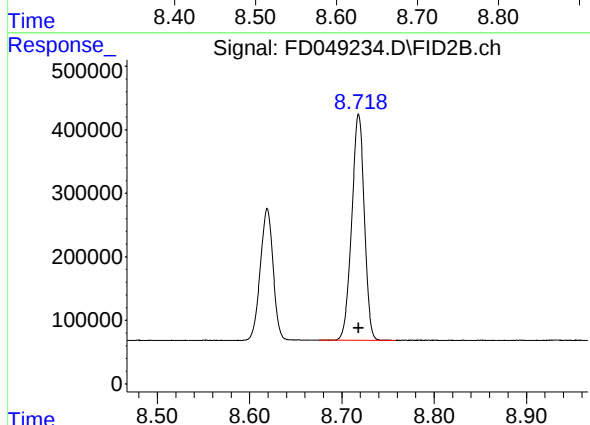
R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 3452933
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



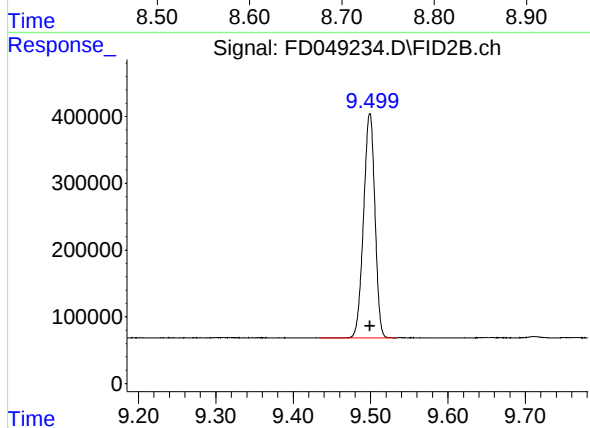
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 2004998
Conc: 20.00 ug/ml



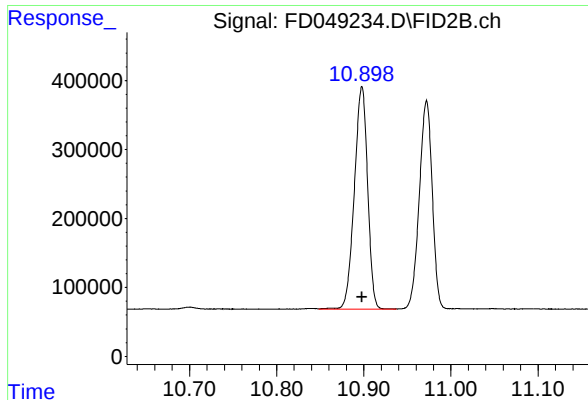
#7 Acenaphthene (C15.5)

R.T.: 8.718 min
Delta R.T.: 0.000 min
Response: 3370715
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

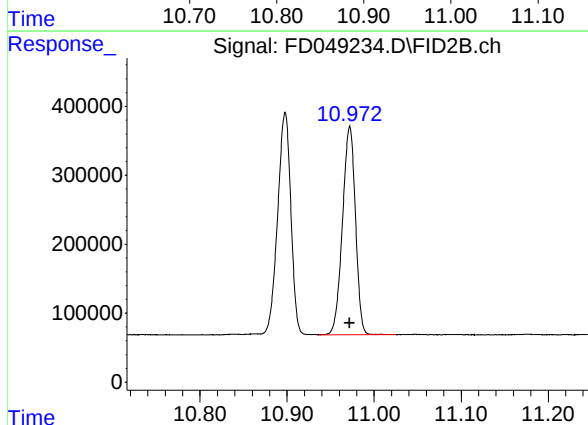
R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 3425296
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

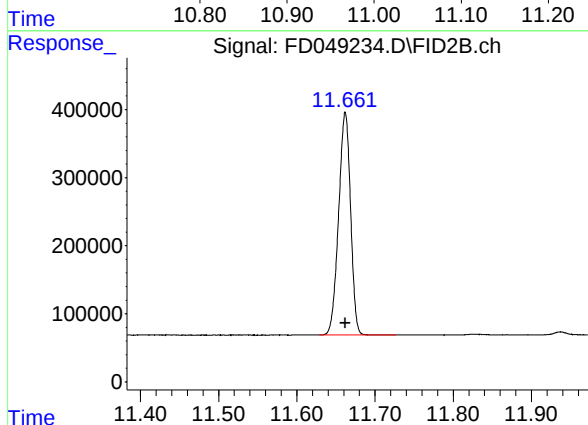
R.T.: 10.898 min
Delta R.T.: 0.000 min
Response: 3408879
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



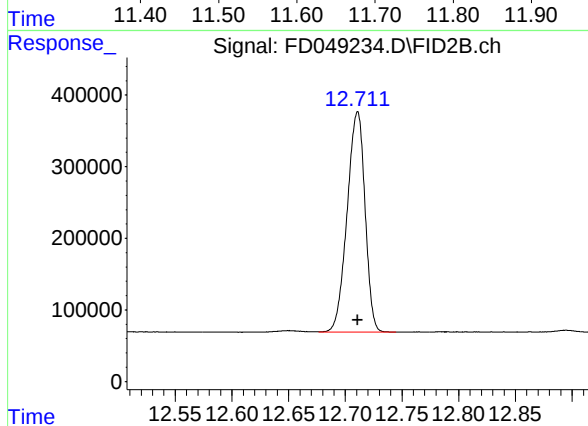
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: 0.000 min
Response: 3125127
Conc: 20.00 ug/ml



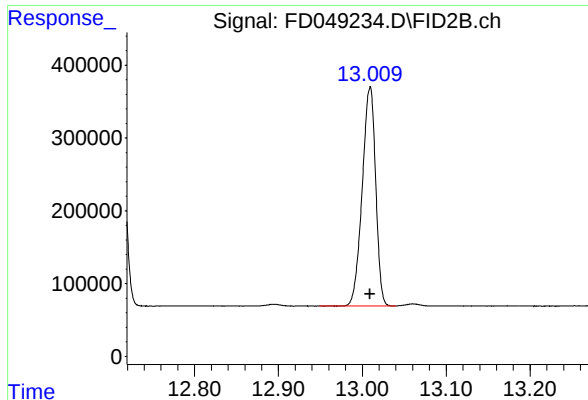
#11 ortho-Terphenyl (SURRE)

R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 3474144
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

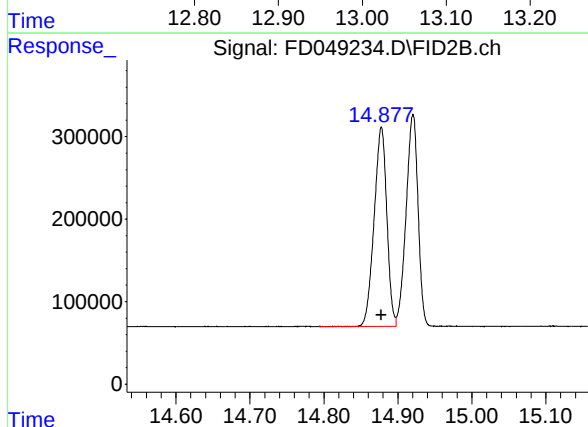
R.T.: 12.711 min
Delta R.T.: 0.000 min
Response: 3382057
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

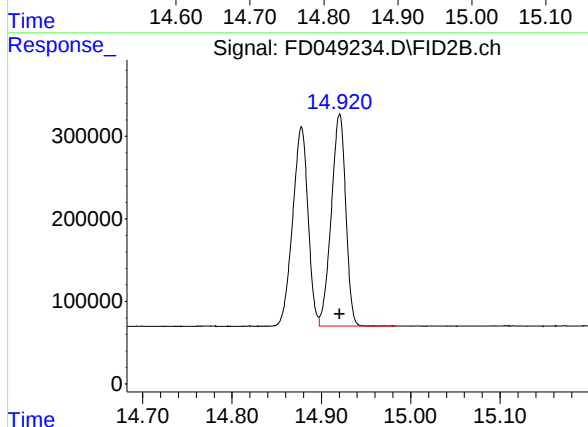
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 3346439
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



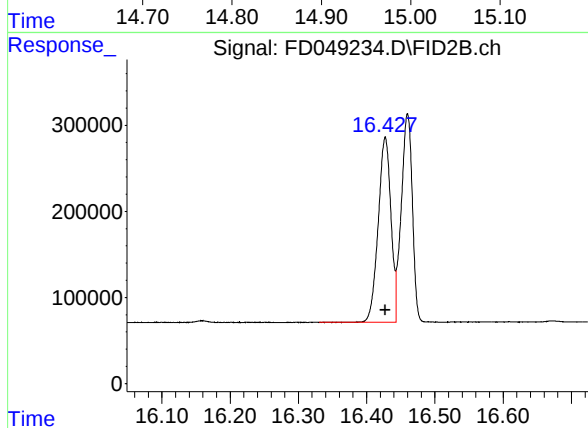
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 2887039
Conc: 20.00 ug/ml



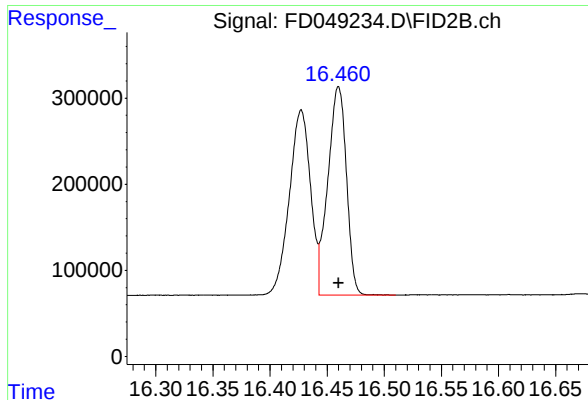
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.000 min
Response: 2896928
Conc: 20.00 ug/ml



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

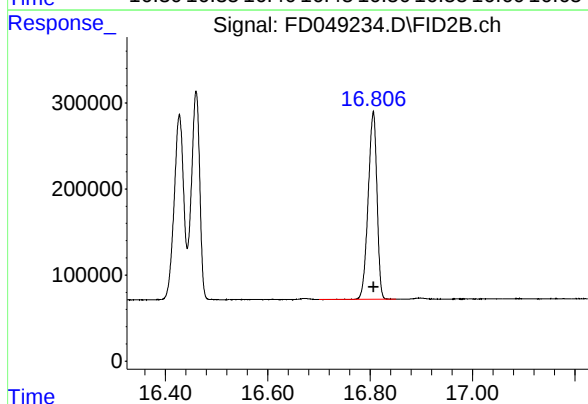
R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 2780173
Conc: 20.00 ug/ml



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

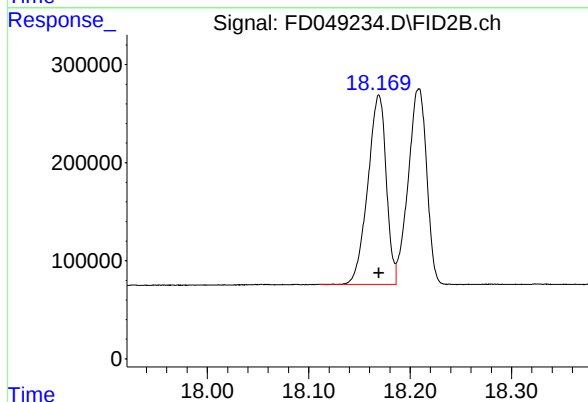
R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 2742591
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



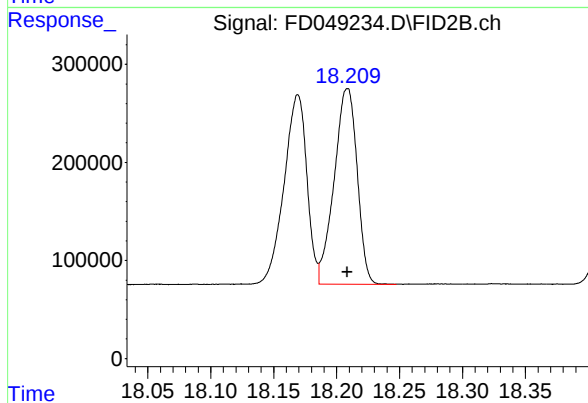
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.000 min
Response: 2597077
Conc: 20.00 ug/ml



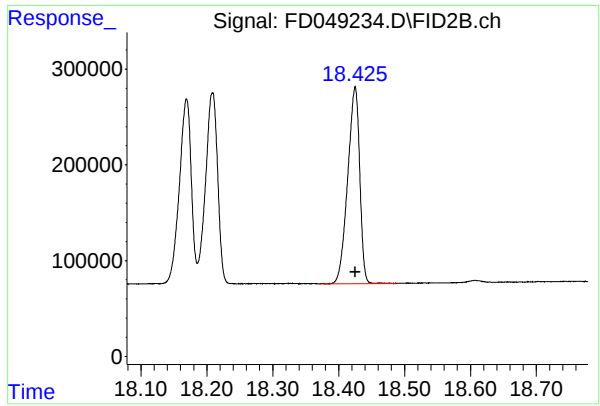
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2437667
Conc: 20.00 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.000 min
Response: 2537576
Conc: 20.00 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.000 min
Response: 2601112
Conc: 20.00 ug/ml

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