

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036520.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 8:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 24 10:59:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 10:39:27 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.593	2840695	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.453	1901403	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.494	3071379	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	2950165	20.000 ug/ml
2) T Naphthalene (C11.7)	5.931	3164082	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3165750	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.257	3036165	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.553	3133069	20.000 ug/ml
8) T Fluorene (C16.55)	9.331	3045904	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.726	2967206	20.000 ug/ml
10) T Anthracene (C19.43)	10.800	2922325	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.534	2823181	20.000 ug/ml
13) T Pyrene (C20.8)	12.831	2754537	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2391457	20.000 ug/ml
15) T Chrysene (C27.41)	14.740	2440682	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2200565	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	2134187	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	1996878	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2001011	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2039773	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	2034733	20.000 ug/ml

(f)=RT Delta > 1/2 Window

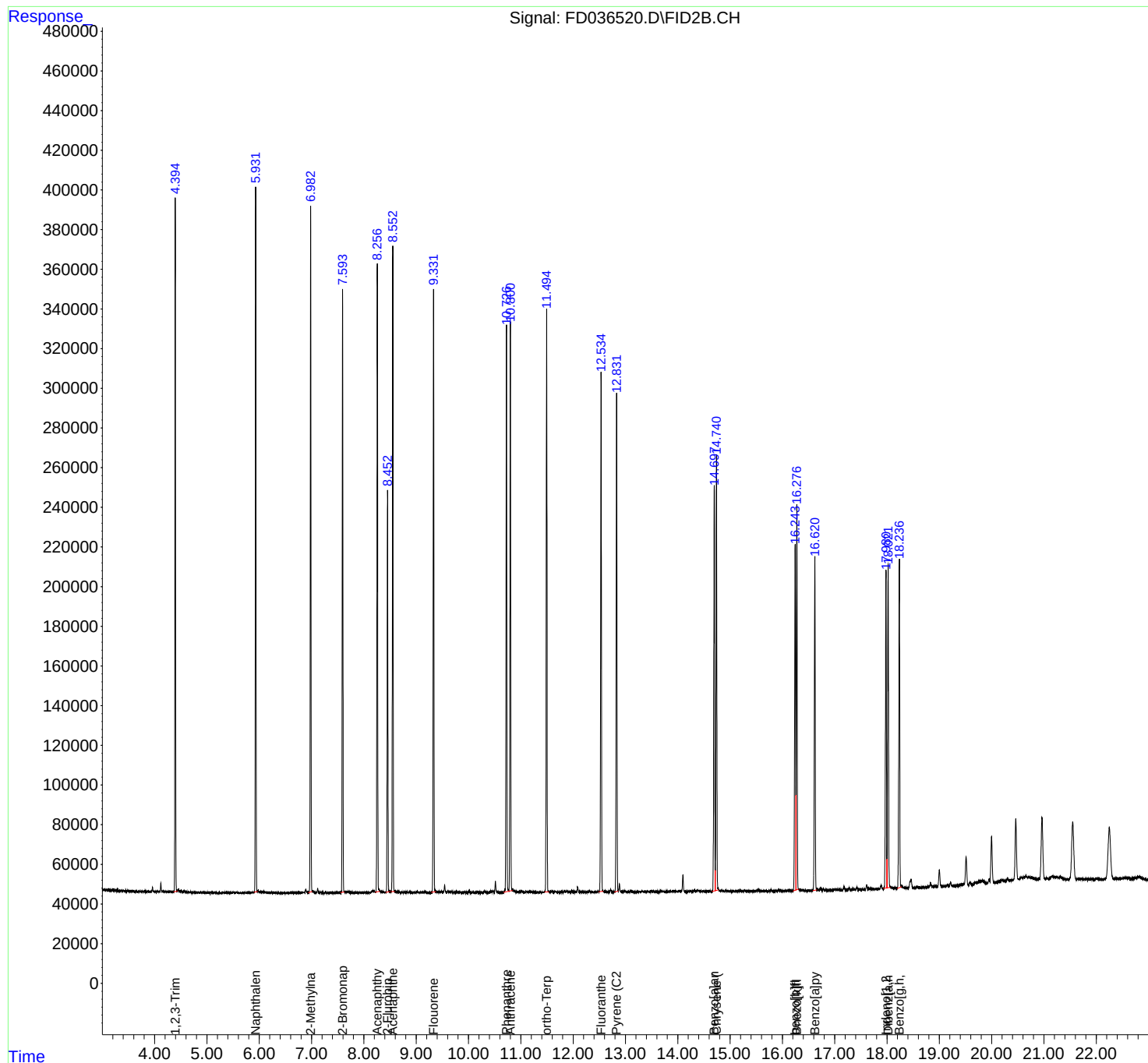
(m)=manual int.

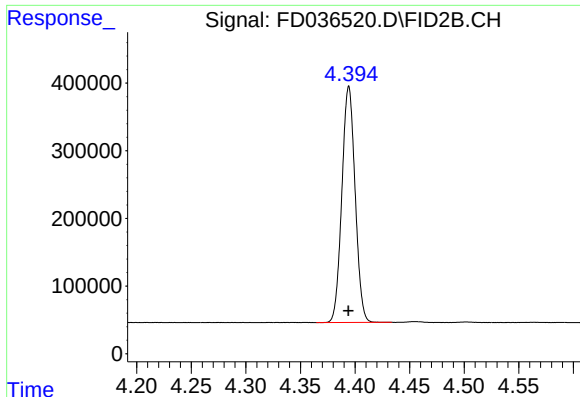
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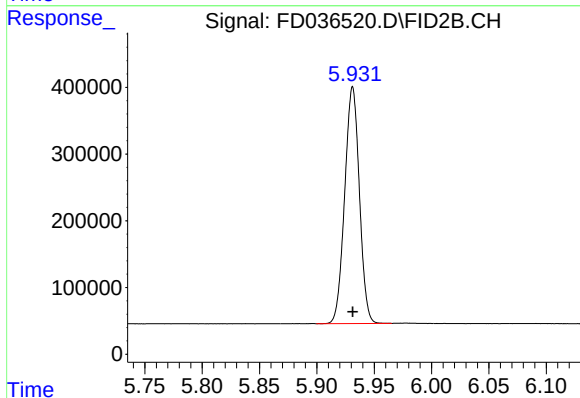




#1 1,2,3-Trimethylbenzene (C10.1)

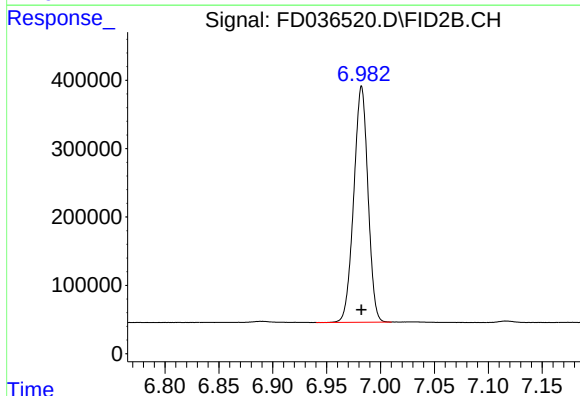
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 2950165
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



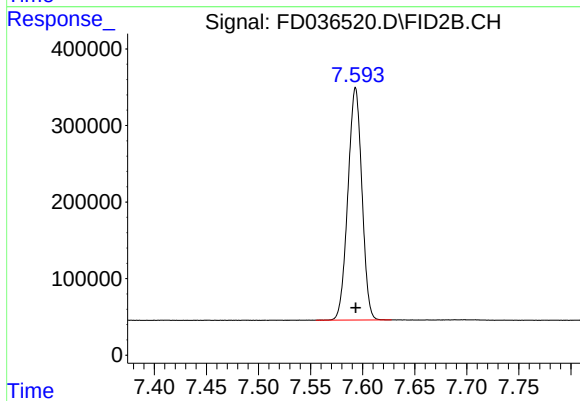
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 3164082
Conc: 20.00 ug/ml



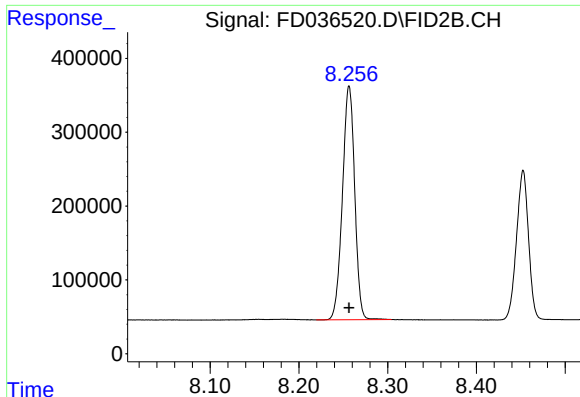
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3165750
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

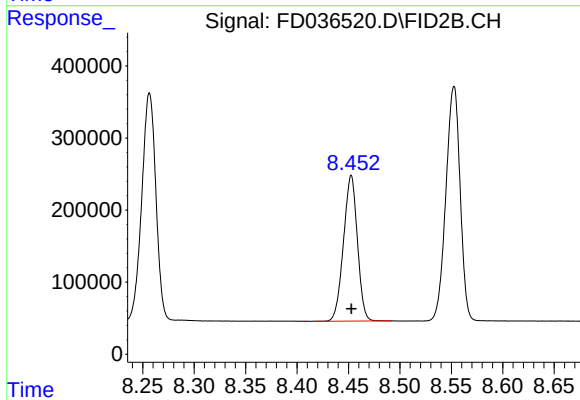
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 2840695
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

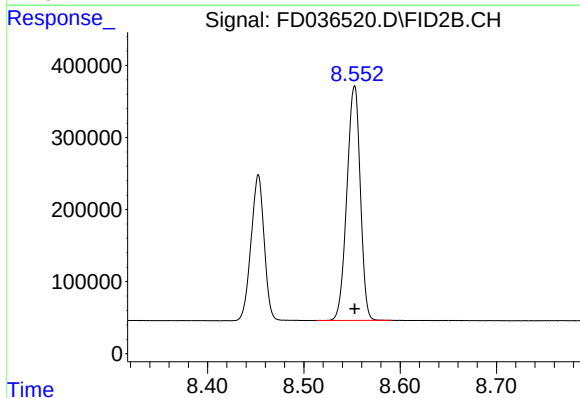
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 3036165
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



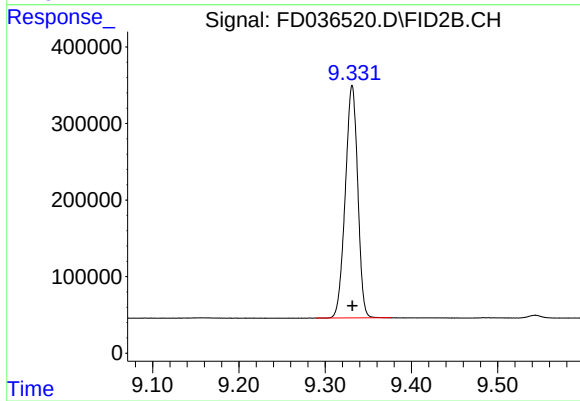
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1901403
Conc: 20.00 ug/ml



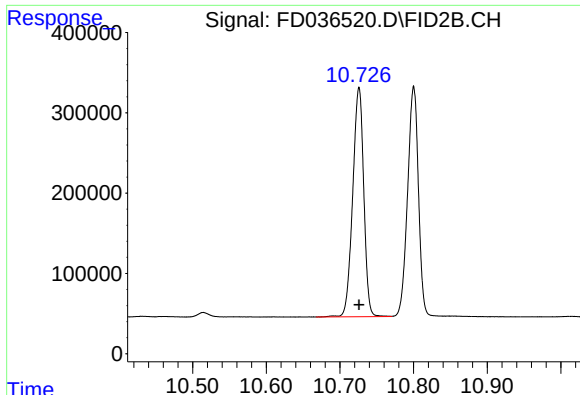
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 3133069
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

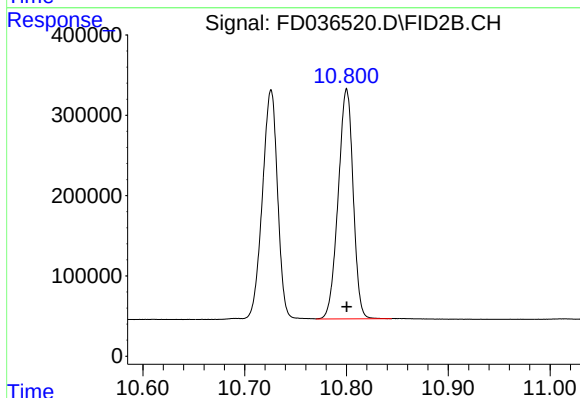
R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 3045904
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

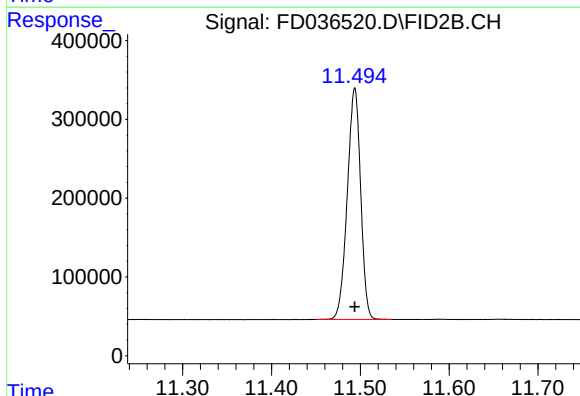
R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 2967206
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



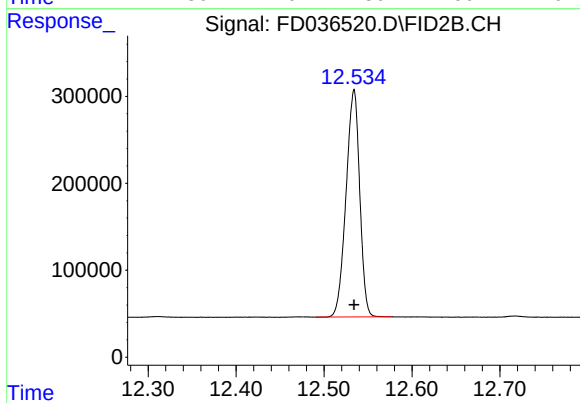
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.000 min
Response: 2922325
Conc: 20.00 ug/ml



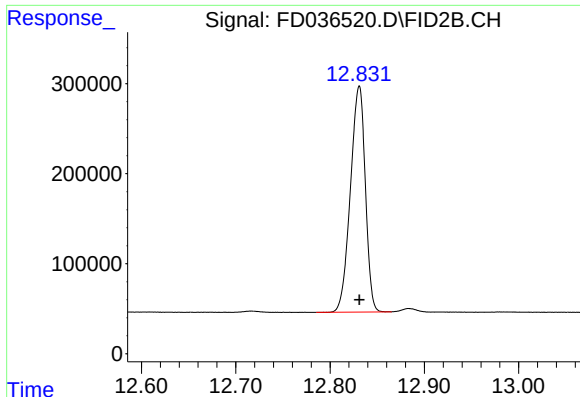
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 3071379
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

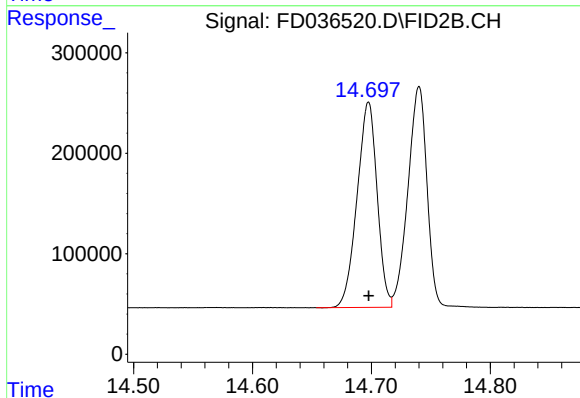
R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2823181
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

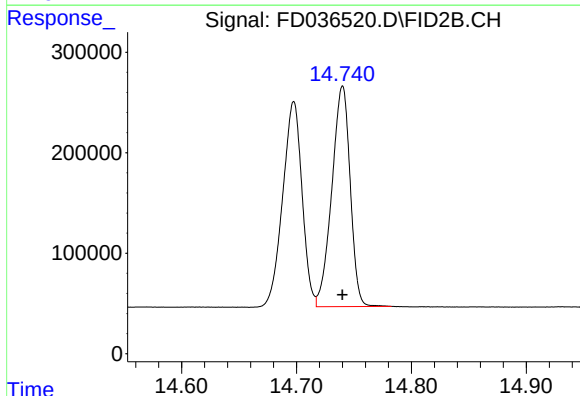
R.T.: 12.831 min
Delta R.T.: 0.000 min
Response: 2754537
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



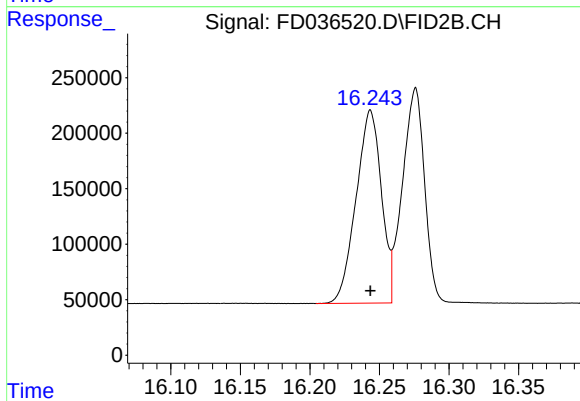
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 2391457
Conc: 20.00 ug/ml



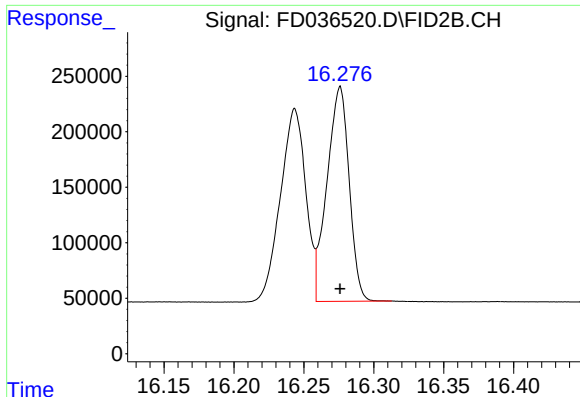
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2440682
Conc: 20.00 ug/ml



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

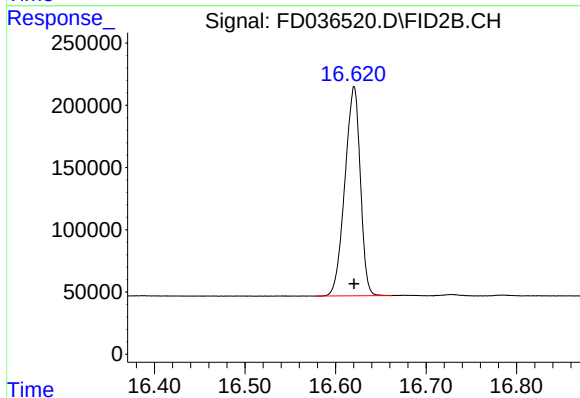
R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 2200565
Conc: 20.00 ug/ml



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

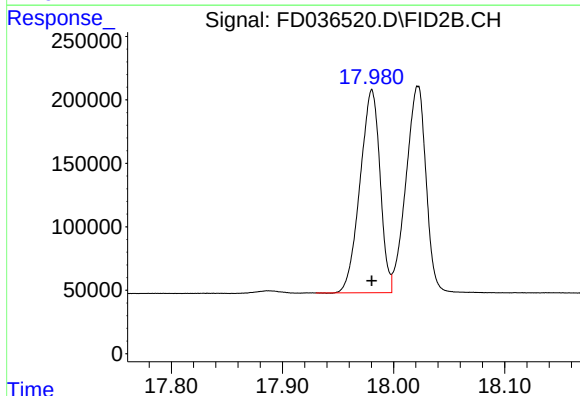
R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2134187
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



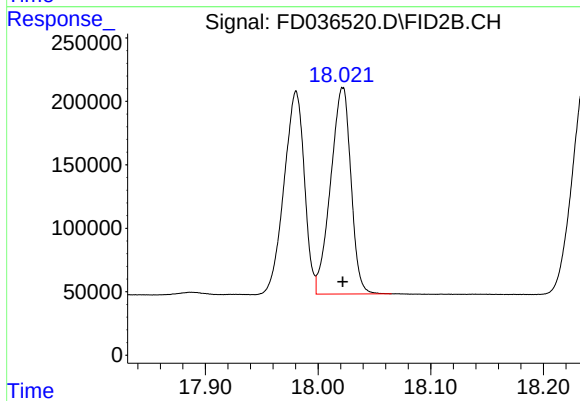
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 1996878
Conc: 20.00 ug/ml



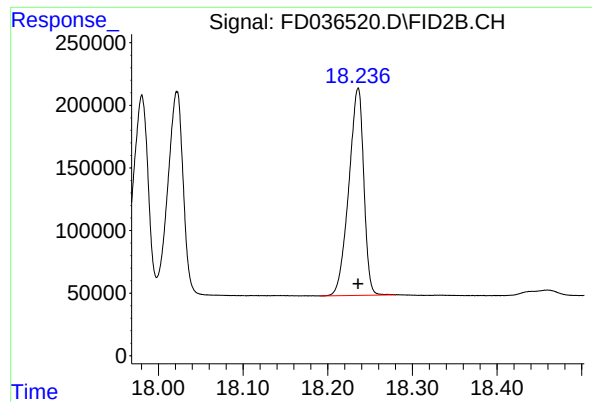
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 2001011
Conc: 20.00 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2039773
Conc: 20.00 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2034733
Conc: 20.00 ug/ml

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