

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049539.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 09:50
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 15 11:13:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 11:09:36 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...	7.736	6542337	49.706 ug/ml
Spiked Amount 50.000		Recovery =	99.41%
6) S 2-Fluorobiphenyl (SURR)	8.602	4647189	49.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.61%
11) S ortho-Terphenyl (SURR)	11.646	8100297	49.707 ug/ml
Spiked Amount 50.000		Recovery =	99.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	6376298	49.264 ug/ml
2) T Naphthalene (C11.7)	6.073	7294017	49.505 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	7592042	49.620 ug/ml
5) T Acenaphthylene (C15.06)	8.406	7904367	49.690 ug/ml
7) T Acenaphthene (C15.5)	8.702	7895815	49.760 ug/ml
8) T Fluorene (C16.55)	9.483	7966758	49.806 ug/ml
9) T Phenanthrene (C19.36)	10.881	8143591	49.672 ug/ml
10) T Anthracene (C19.43)	10.958	7957582	49.707 ug/ml
12) T Fluoranthene (C21.85)	12.696	8091221	49.745 ug/ml
13) T Pyrene (C20.8)	12.995	8076994	49.750 ug/ml
14) T Benzo[a]anthracene (C...	14.865	7383814	49.840 ug/ml
15) T Chrysene (C27.41)	14.911	7457276	49.797 ug/ml
16) T benzo[b]fluoranthene ...	16.417	7096871	49.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	6672332	49.919 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.798	6890720	49.905 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	6233249	49.670 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	6408313	50.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.420	6547645	49.817 ug/ml

(f)=RT Delta > 1/2 Window

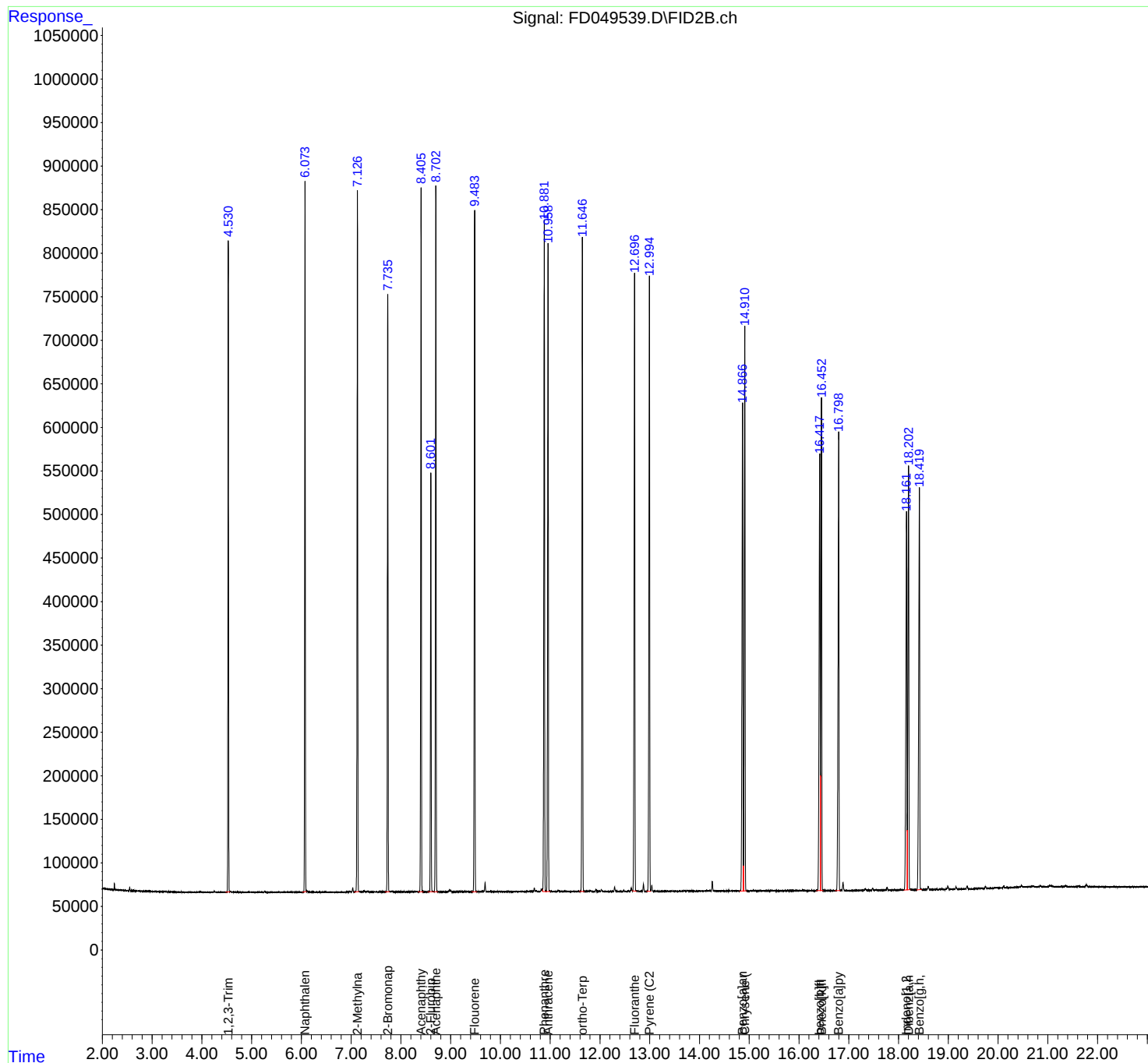
(m)=manual int.

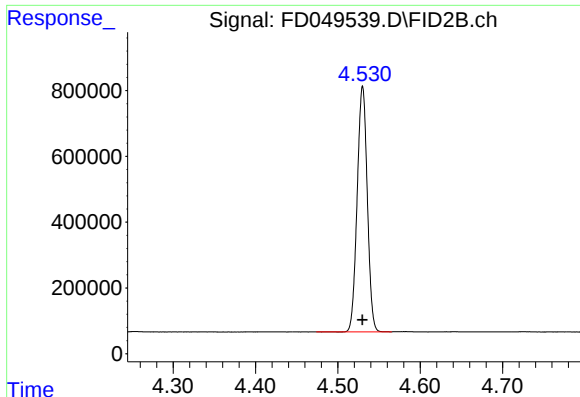
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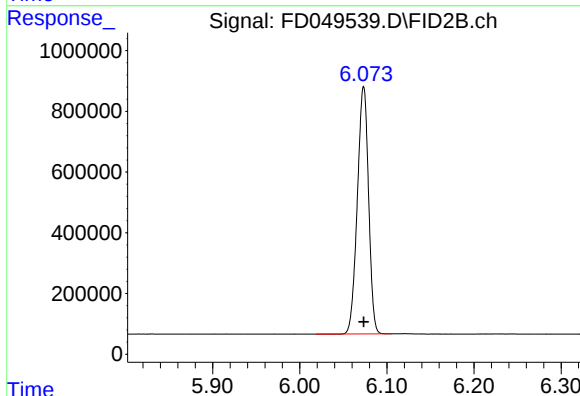




#1 1,2,3-Trimethylbenzene (C10.1)

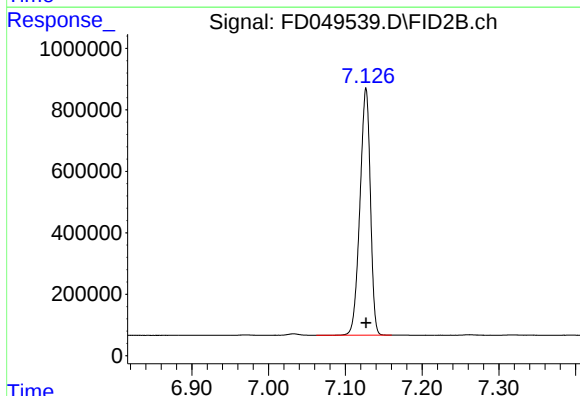
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 6376298
Conc: 49.26 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



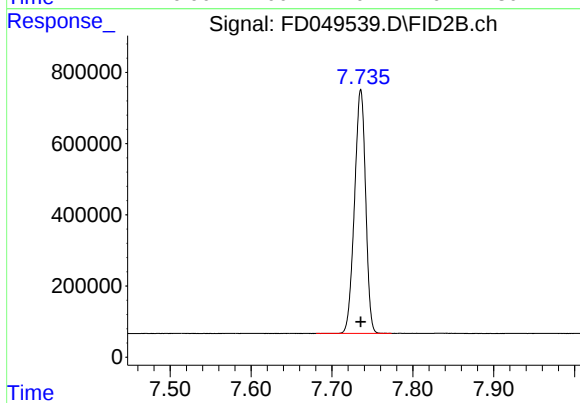
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 7294017
Conc: 49.50 ug/ml



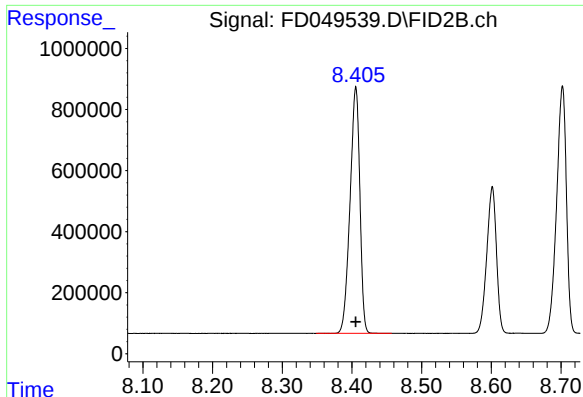
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 7592042
Conc: 49.62 ug/ml



#4 2-Bromonaphthalene (SURR)

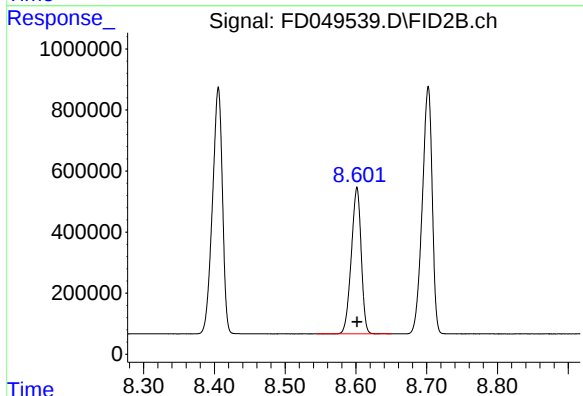
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 6542337
Conc: 49.71 ug/ml



#5 Acenaphthylene (C15.06)

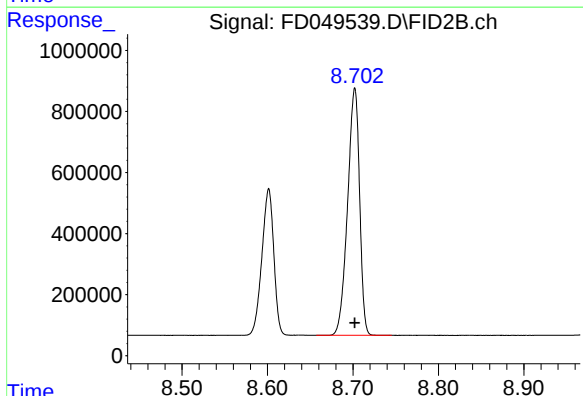
R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 7904367
Conc: 49.69 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



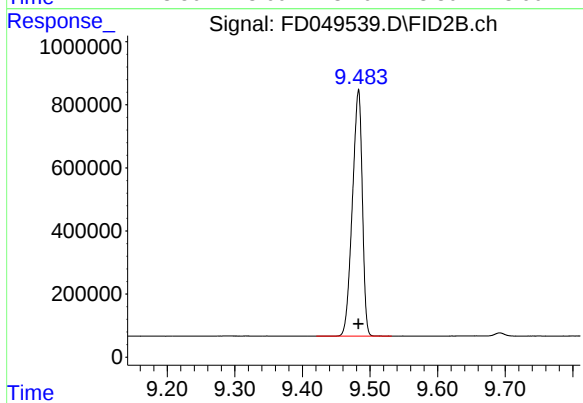
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 4647189
Conc: 49.81 ug/ml



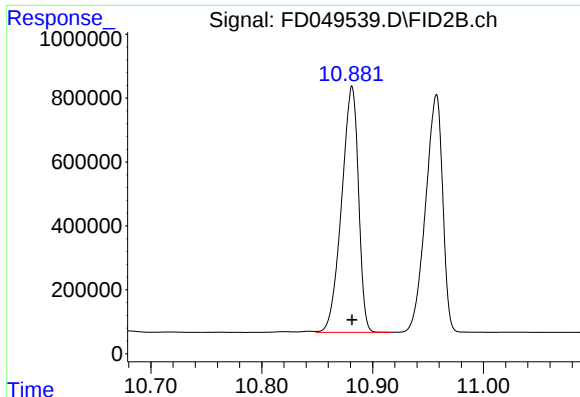
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 7895815
Conc: 49.76 ug/ml



#8 Fluorene (C16.55)

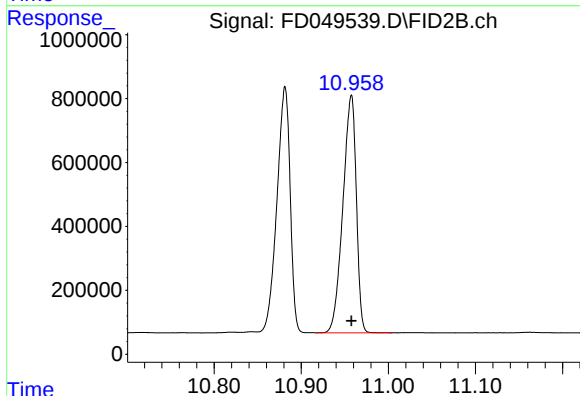
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 7966758
Conc: 49.81 ug/ml



#9 Phenanthrene (C19.36)

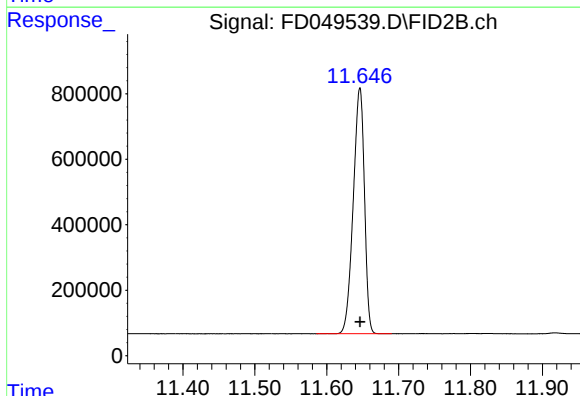
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 8143591
Conc: 49.67 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



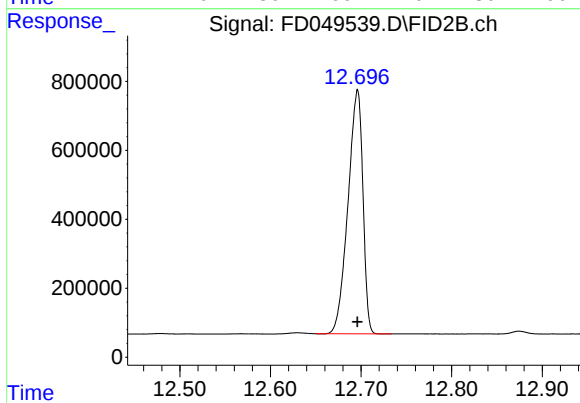
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.000 min
Response: 7957582
Conc: 49.71 ug/ml



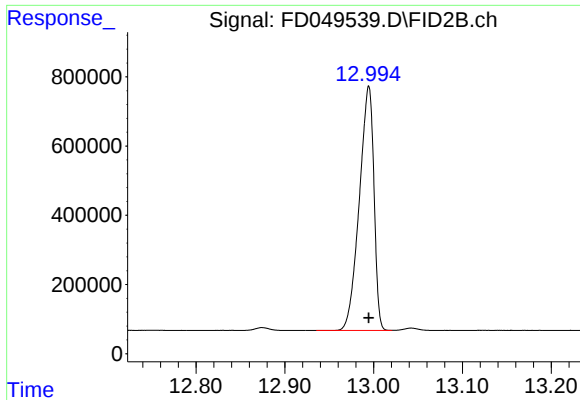
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 8100297
Conc: 49.71 ug/ml



#12 Fluoranthene (C21.85)

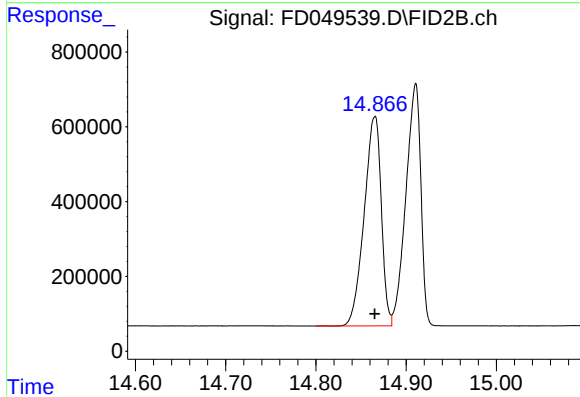
R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 8091221
Conc: 49.75 ug/ml



#13 Pyrene (C20.8)

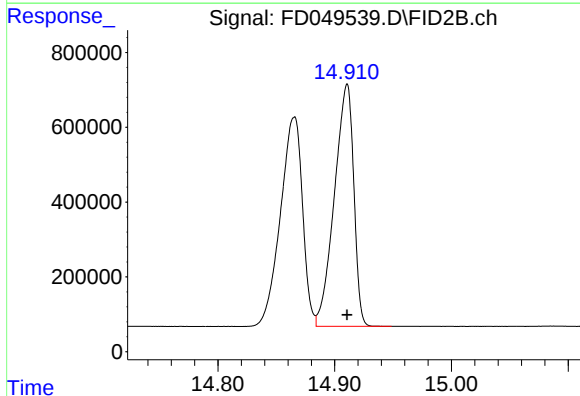
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 8076994
Conc: 49.75 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



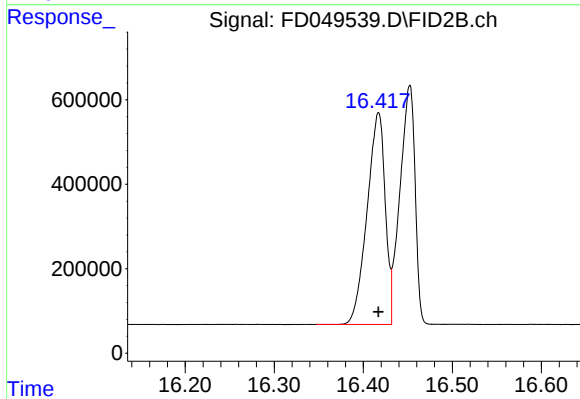
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.000 min
Response: 7383814
Conc: 49.84 ug/ml



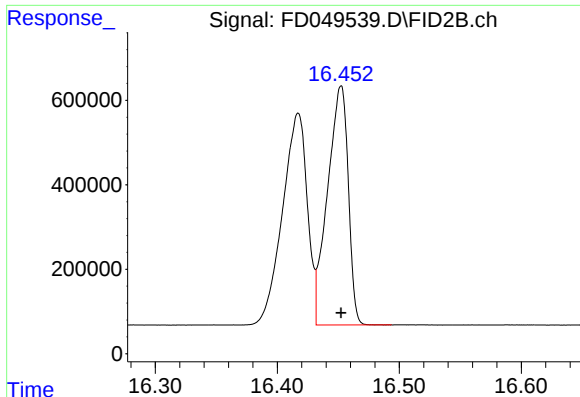
#15 Chrysene (C27.41)

R.T.: 14.911 min
Delta R.T.: 0.000 min
Response: 7457276
Conc: 49.80 ug/ml



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

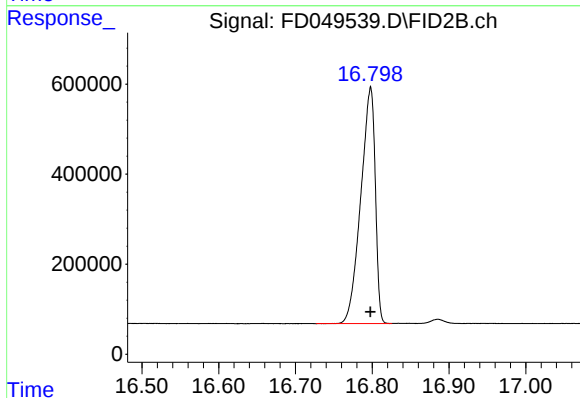
R.T.: 16.417 min
Delta R.T.: 0.000 min
Response: 7096871
Conc: 49.81 ug/ml



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

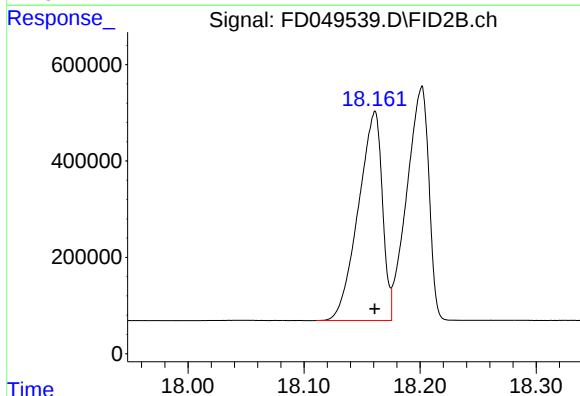
R.T.: 16.452 min
Delta R.T.: 0.000 min
Response: 6672332
Conc: 49.92 ug/ml

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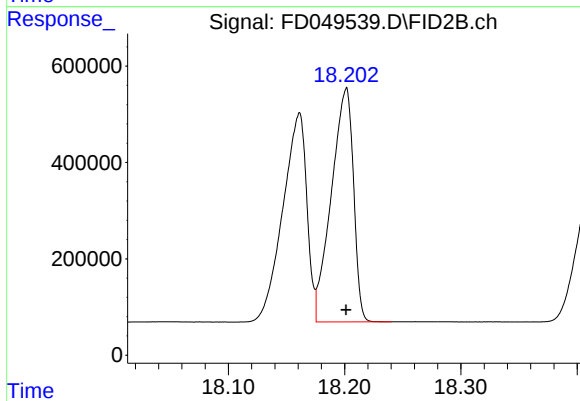
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.798 min
Delta R.T.: 0.000 min
Response: 6890720
Conc: 49.90 ug/ml



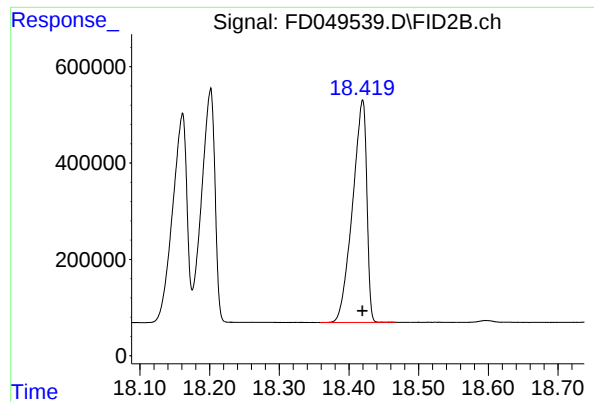
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.000 min
Response: 6233249
Conc: 49.67 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.000 min
Response: 6408313
Conc: 50.10 ug/ml



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

R.T.: 18.420 min
Delta R.T.: 0.000 min
Response: 6547645
Conc: 49.82 ug/ml

Instrument :
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ClientSampleId :
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