

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049794.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 11:44
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 02 12:26:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 12:20:25 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...	7.695	1121613	9.658 ug/ml
Spiked Amount 50.000		Recovery =	19.32%
6) S 2-Fluorobiphenyl (SURR)	8.559	797850	9.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.20%
11) S ortho-Terphenyl (SURR)	11.604	1433684	9.889 ug/ml
Spiked Amount 50.000		Recovery =	19.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	1067300	9.662 ug/ml
2) T Naphthalene (C11.7)	6.031	1240935	9.617 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	1297331	9.609 ug/ml
5) T Acenaphthylene (C15.06)	8.362	1391846	9.789 ug/ml
7) T Acenaphthene (C15.5)	8.658	1385186	9.753 ug/ml
8) T Flouorene (C16.55)	9.439	1387589	9.736 ug/ml
9) T Phenanthrene (C19.36)	10.836	1384009	9.673 ug/ml
10) T Anthracene (C19.43)	10.910	1285293	9.682 ug/ml
12) T Fluoranthene (C21.85)	12.649	1331086	9.557 ug/ml
13) T Pyrene (C20.8)	12.947	1316543	9.561 ug/ml
14) T Benzo[a]anthracene (C...	14.818	1175266	9.537 ug/ml
15) T Chrysene (C27.41)	14.860	1211361	9.648 ug/ml
16) T benzo[b]fluoranthene ...	16.367	1168552	9.628 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	1122024	9.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.745	1152013	9.774 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	1059628	9.639 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	1201776	10.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.362	1152773	9.938 ug/ml

(f)=RT Delta > 1/2 Window

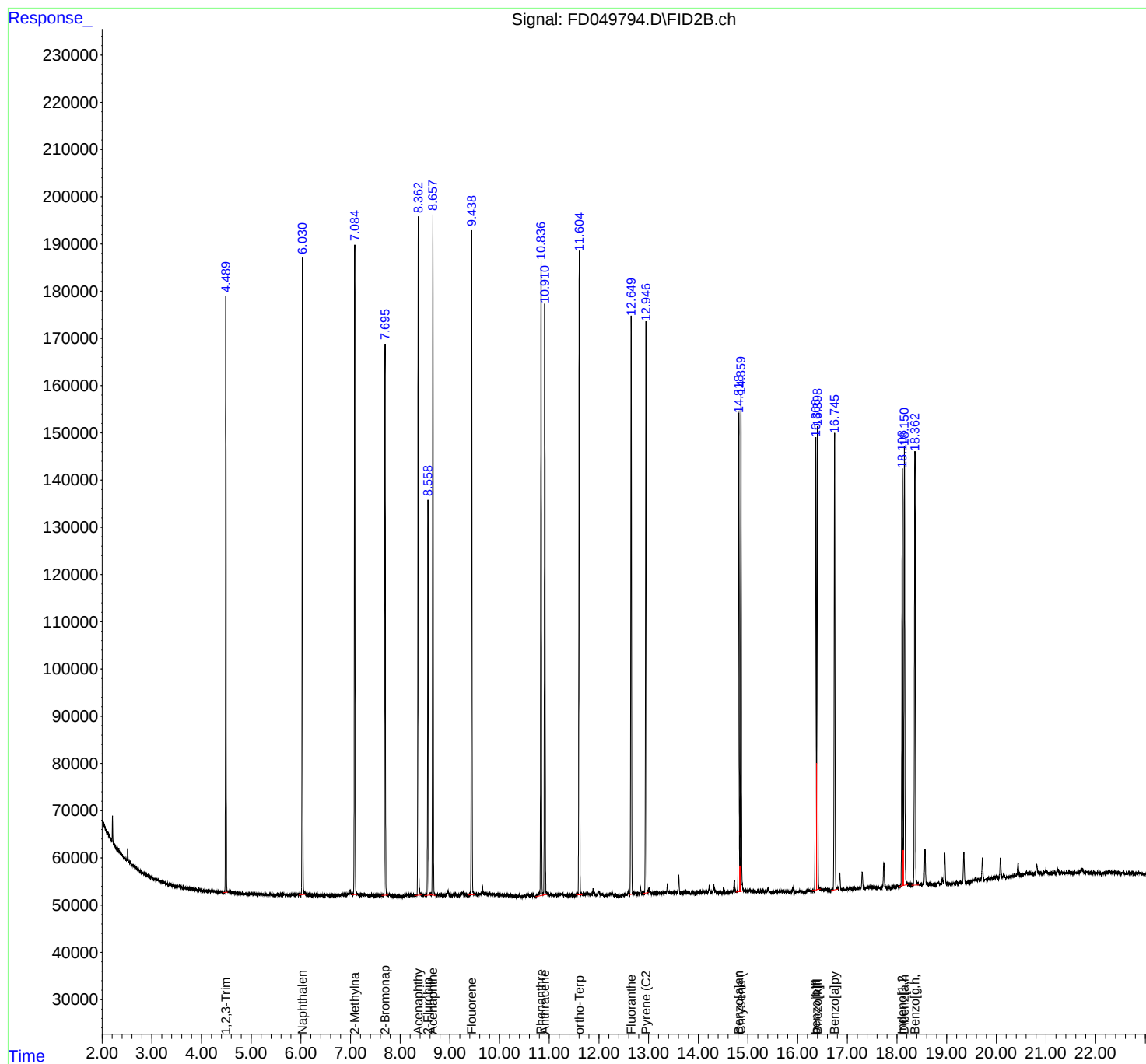
(m)=manual int.

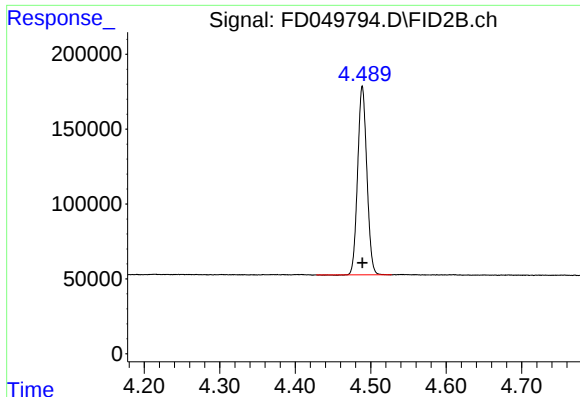
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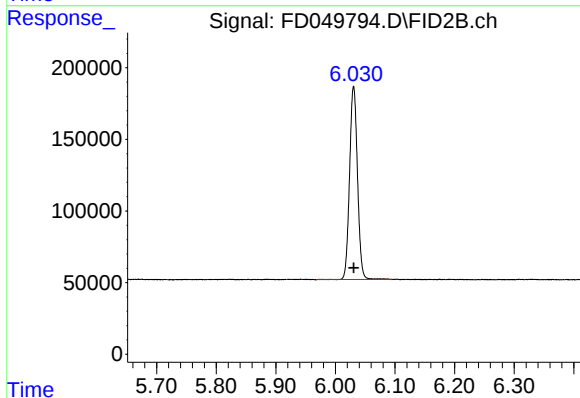




#1 1,2,3-Trimethylbenzene (C10.1)

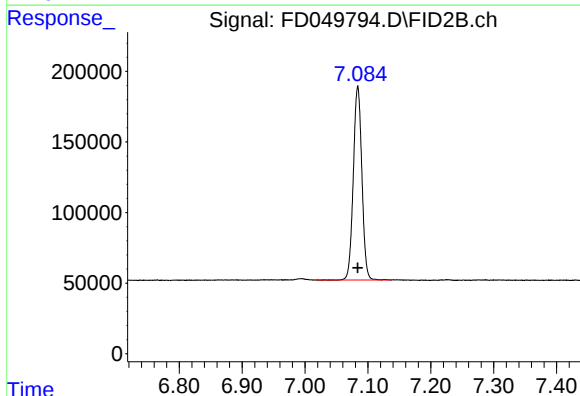
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 1067300
Conc: 9.66 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



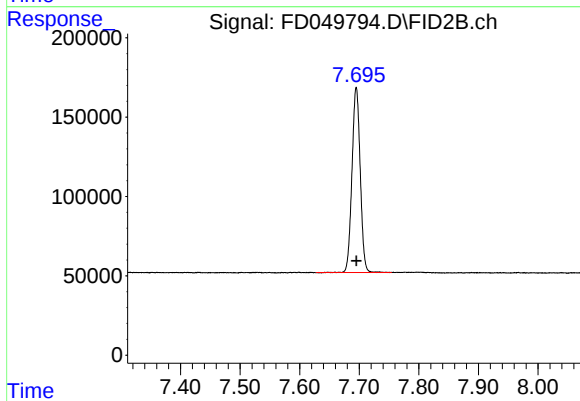
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 1240935
Conc: 9.62 ug/ml



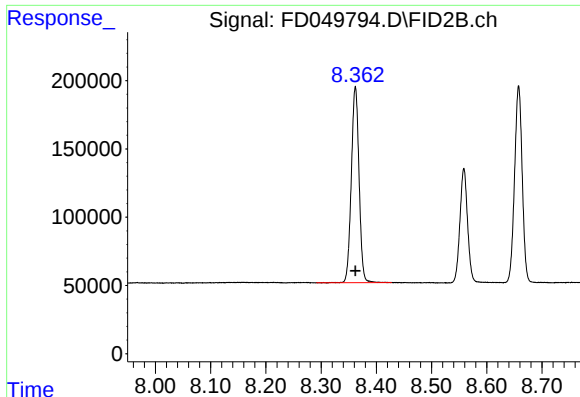
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 1297331
Conc: 9.61 ug/ml



#4 2-Bromonaphthalene (SURR)

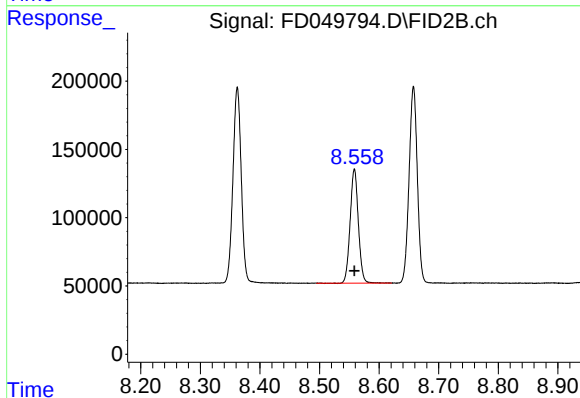
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 1121613
Conc: 9.66 ug/ml



#5 Acenaphthylene (C15.06)

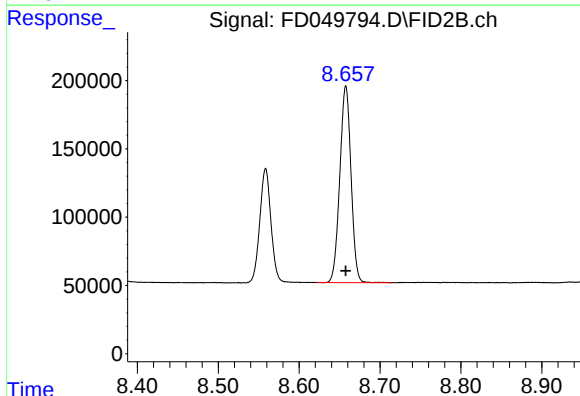
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 1391846
Conc: 9.79 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



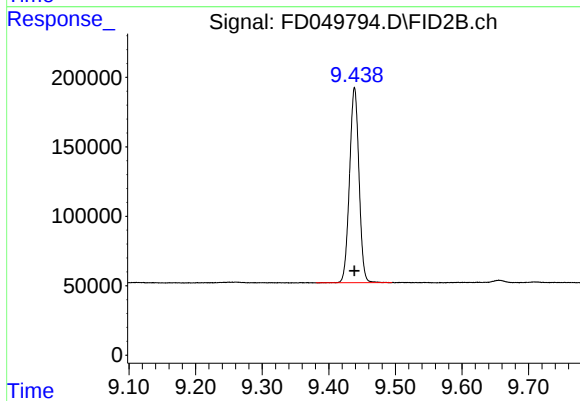
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 797850
Conc: 9.60 ug/ml



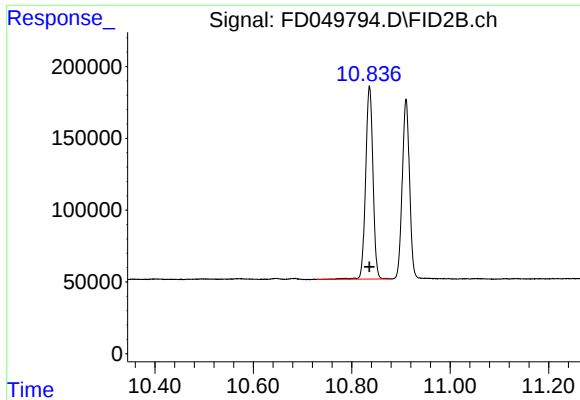
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 1385186
Conc: 9.75 ug/ml



#8 Fluorene (C16.55)

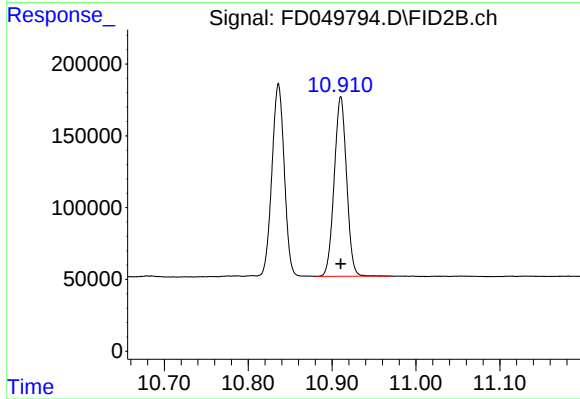
R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 1387589
Conc: 9.74 ug/ml



#9 Phenanthrene (C19.36)

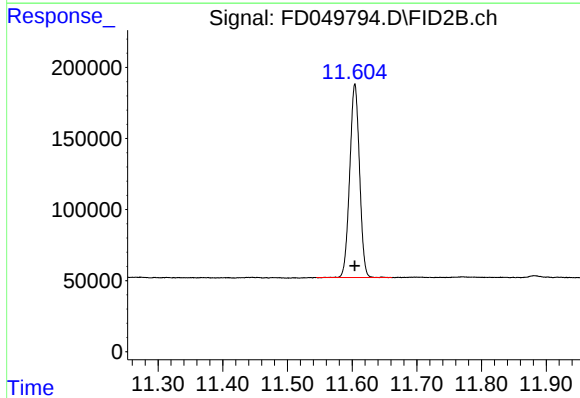
R.T.: 10.836 min
Delta R.T.: 0.000 min
Response: 1384009
Conc: 9.67 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



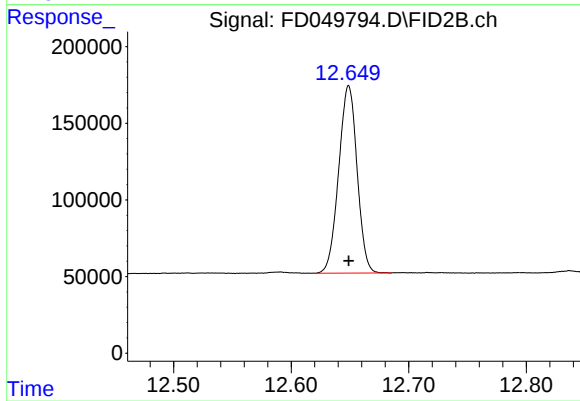
#10 Anthracene (C19.43)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 1285293
Conc: 9.68 ug/ml



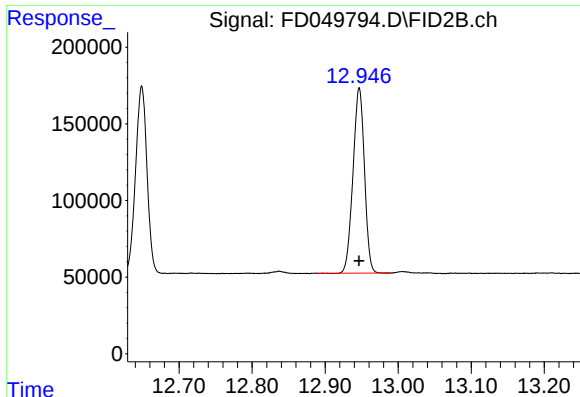
#11 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 1433684
Conc: 9.89 ug/ml



#12 Fluoranthene (C21.85)

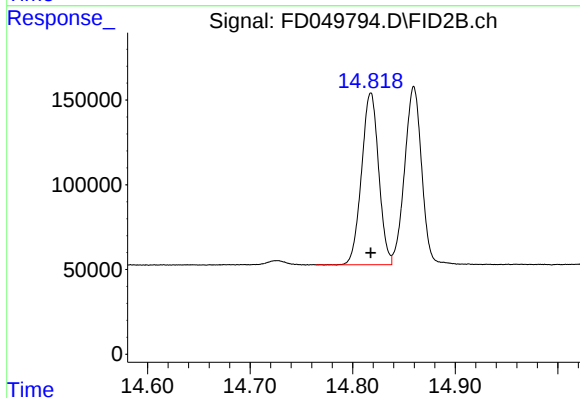
R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 1331086
Conc: 9.56 ug/ml



#13 Pyrene (C20.8)

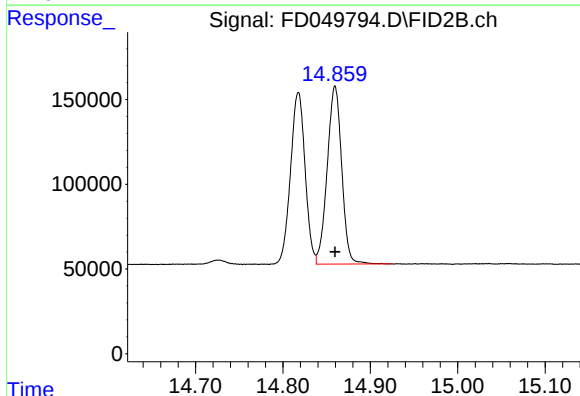
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 1316543
Conc: 9.56 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



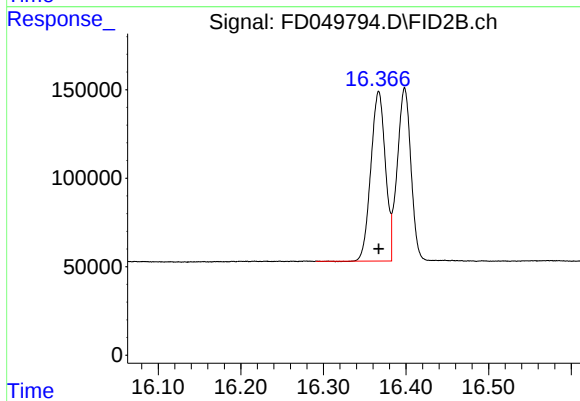
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 1175266
Conc: 9.54 ug/ml



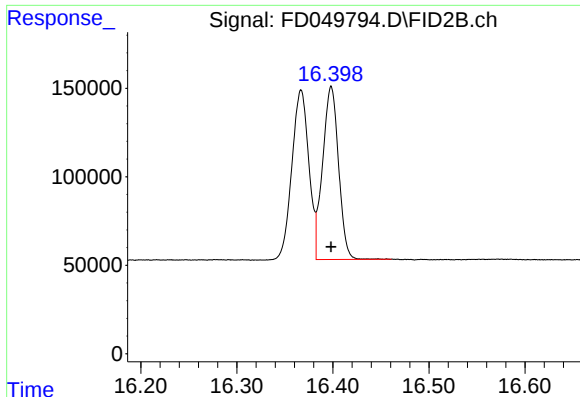
#15 Chrysene (C27.41)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 1211361
Conc: 9.65 ug/ml



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

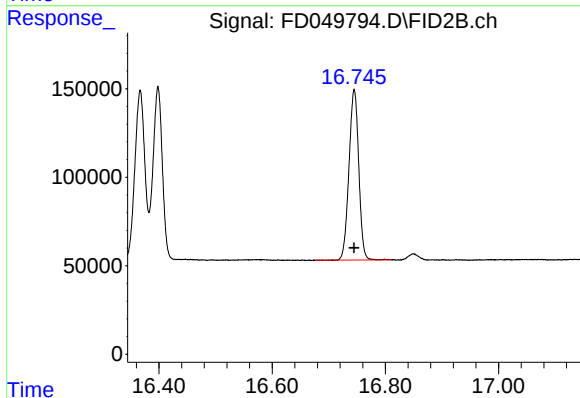
R.T.: 16.367 min
Delta R.T.: 0.000 min
Response: 1168552
Conc: 9.63 ug/ml



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

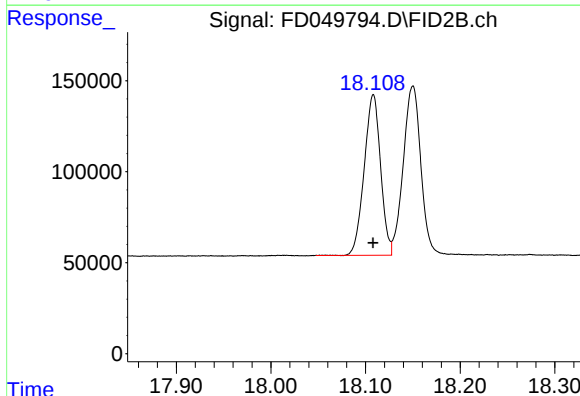
R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 1122024
Conc: 9.85 ug/ml

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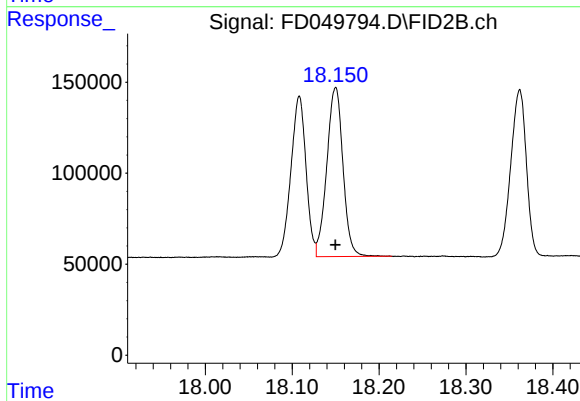
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 1152013
Conc: 9.77 ug/ml



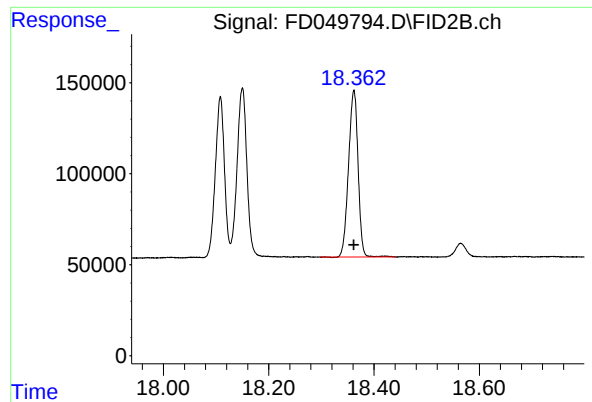
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 1059628
Conc: 9.64 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 1201776
Conc: 10.41 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.000 min
Response: 1152773
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
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