

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049075.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 15:12
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 15:56:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:56:39 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...	7.353	1471043	10.492 ug/ml
Spiked Amount 50.000		Recovery =	20.98%
6) S 2-Fluorobiphenyl (SURR)	8.207	875829	9.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.61%
11) S ortho-Terphenyl (SURR)	11.234	1694149	10.763 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	1656548	10.685 ug/ml
2) T Naphthalene (C11.7)	5.695	1661529	10.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1621317	10.517 ug/ml
5) T Acenaphthylene (C15.06)	8.005	1694814	10.673 ug/ml
7) T Acenaphthene (C15.5)	8.297	1725833	10.888 ug/ml
8) T Flouorene (C16.55)	9.079	1621856	10.458 ug/ml
9) T Phenanthrene (C19.36)	10.465	1539045	10.316 ug/ml
10) T Anthracene (C19.43)	10.542	1567931	10.490 ug/ml
12) T Fluoranthene (C21.85)	12.271	1592182	10.481 ug/ml
13) T Pyrene (C20.8)	12.562	1566919	10.430 ug/ml
14) T Benzo[a]anthracene (C...	14.431	1271690	9.418 ug/ml
15) T Chrysene (C27.41)	14.471	1725375	11.239 ug/ml
16) T benzo[b]fluoranthene ...	15.977	1376748	9.922 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	1686985	11.222 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	1358701	10.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	1005197	8.910 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	1692264	11.355 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	1516030	10.775 ug/ml

(f)=RT Delta > 1/2 Window

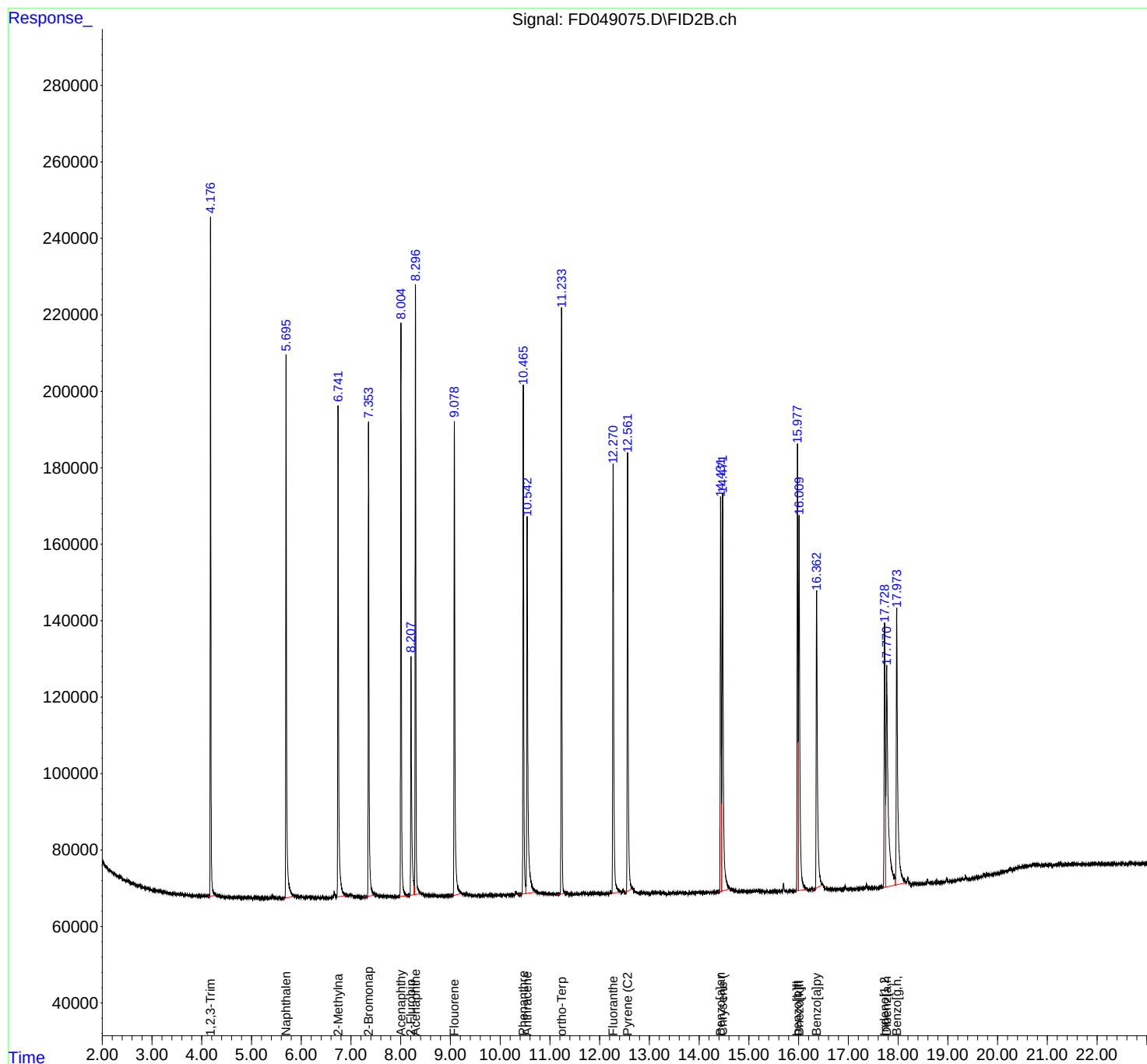
(m)=manual int.

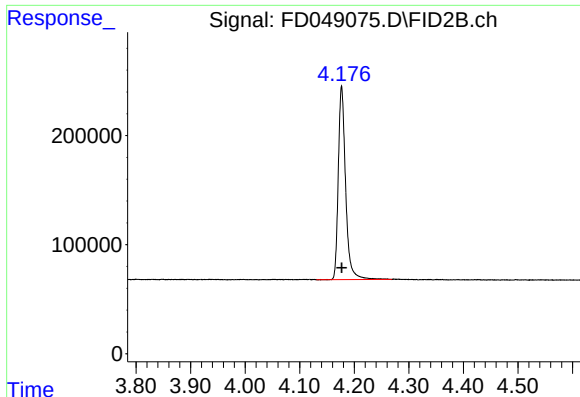
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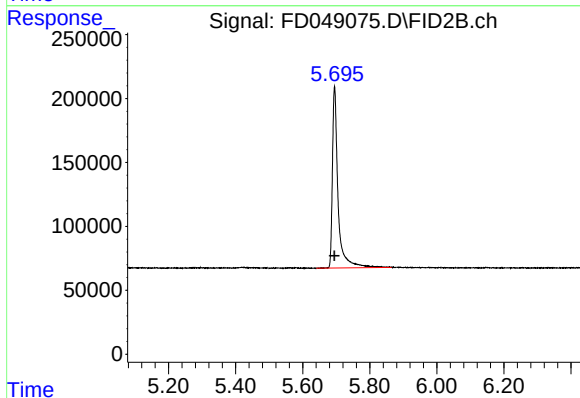




#1 1,2,3-Trimethylbenzene (C10.1)

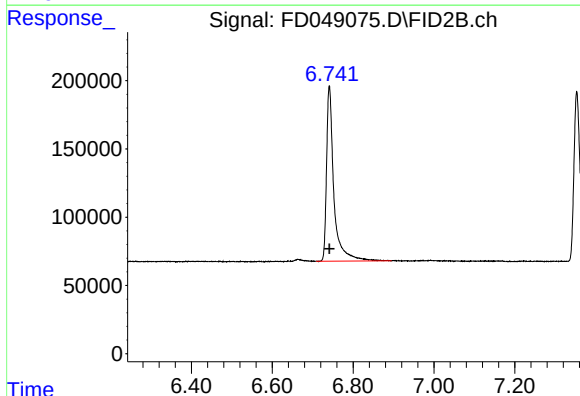
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 1656548
Conc: 10.69 ug/ml

Instrument :
FID_D
ClientSampleId :



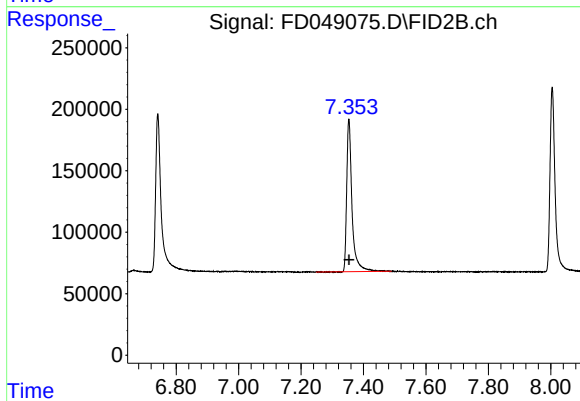
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 1661529
Conc: 10.55 ug/ml



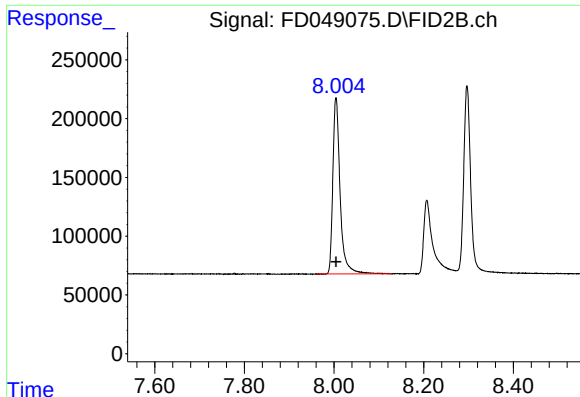
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 1621317
Conc: 10.52 ug/ml



#4 2-Bromonaphthalene (SURR)

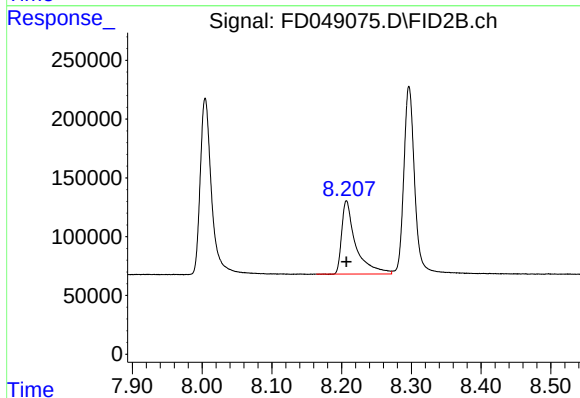
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 1471043
Conc: 10.49 ug/ml



#5 Acenaphthylene (C15.06)

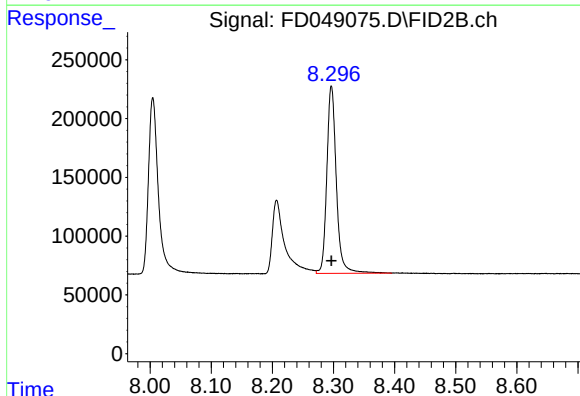
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 1694814
Conc: 10.67 ug/ml

Instrument :
FID_D
ClientSampleId :



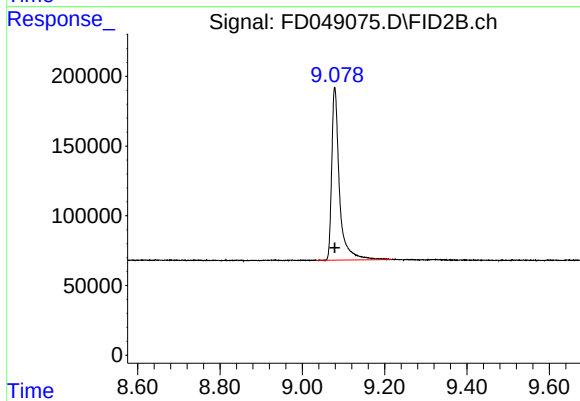
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: 0.000 min
Response: 875829
Conc: 9.81 ug/ml



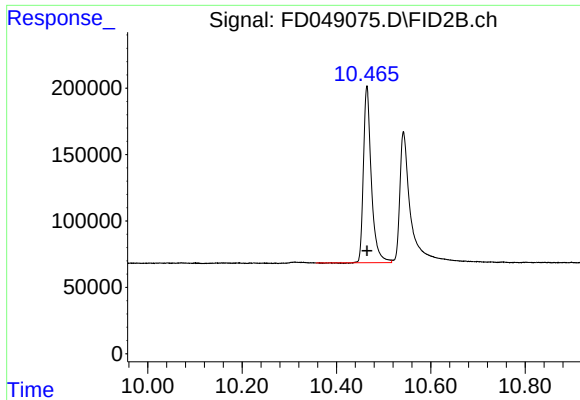
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 1725833
Conc: 10.89 ug/ml



#8 Fluorene (C16.55)

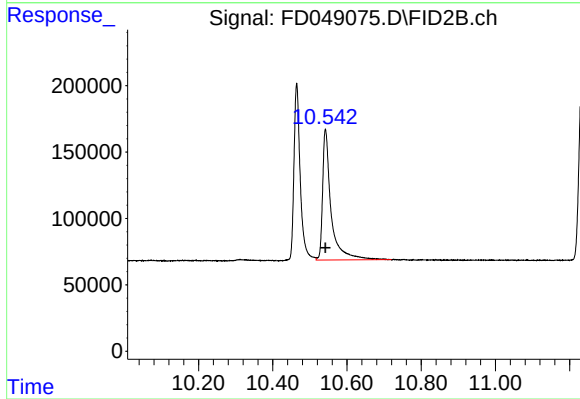
R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 1621856
Conc: 10.46 ug/ml



#9 Phenanthrene (C19.36)

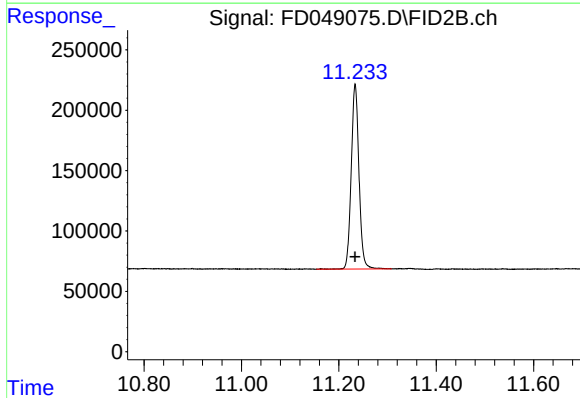
R.T.: 10.465 min
Delta R.T.: 0.000 min
Response: 1539045
Conc: 10.32 ug/ml

Instrument :
FID_D
ClientSampleId :



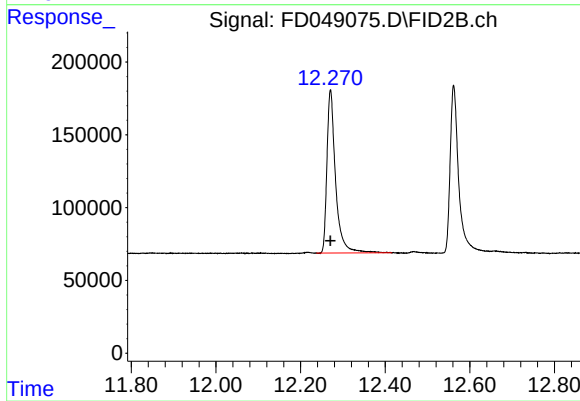
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.000 min
Response: 1567931
Conc: 10.49 ug/ml



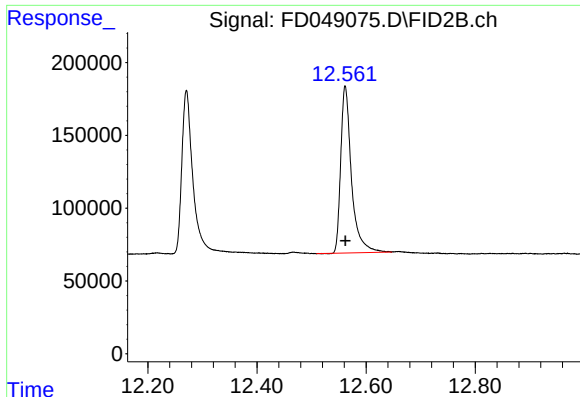
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 1694149
Conc: 10.76 ug/ml



#12 Fluoranthene (C21.85)

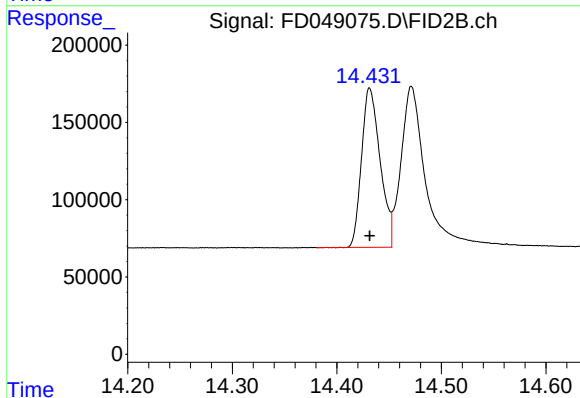
R.T.: 12.271 min
Delta R.T.: 0.000 min
Response: 1592182
Conc: 10.48 ug/ml



#13 Pyrene (C20.8)

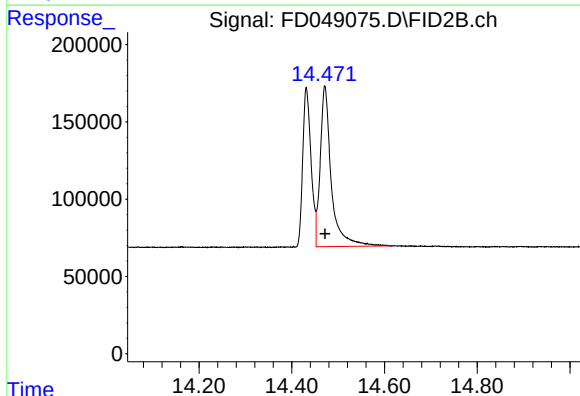
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 1566919
Conc: 10.43 ug/ml

Instrument :
FID_D
ClientSampleId :



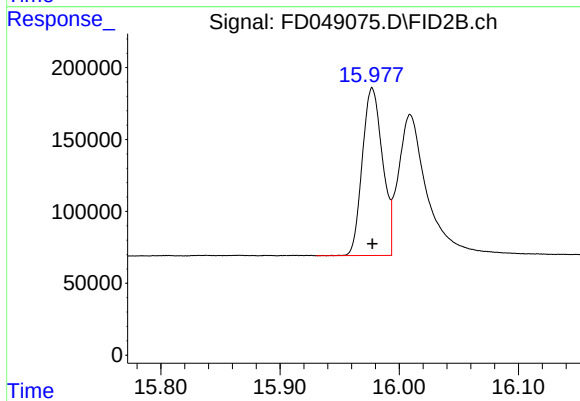
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.000 min
Response: 1271690
Conc: 9.42 ug/ml



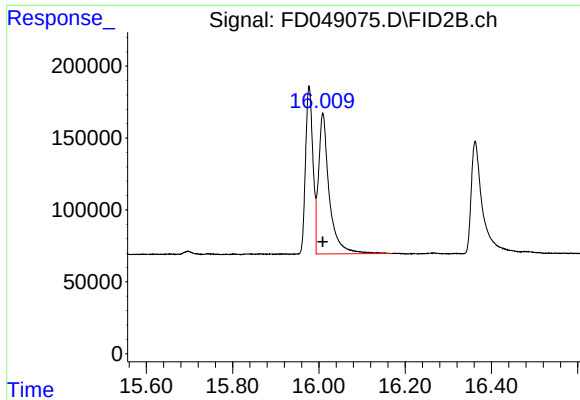
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.000 min
Response: 1725375
Conc: 11.24 ug/ml



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

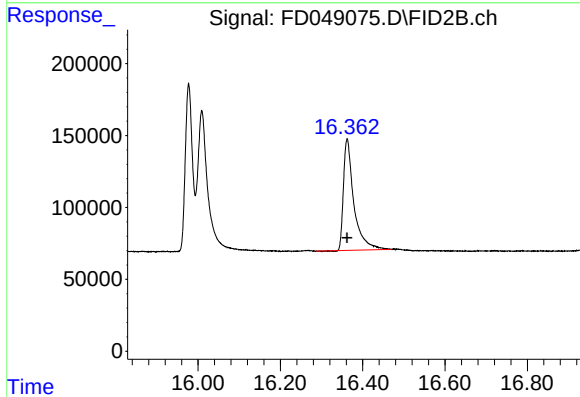
R.T.: 15.977 min
Delta R.T.: 0.000 min
Response: 1376748
Conc: 9.92 ug/ml



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

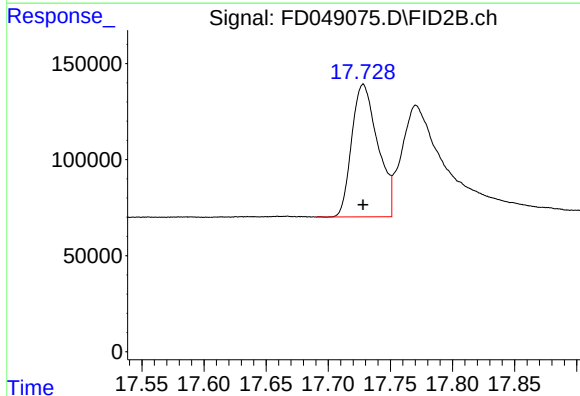
R.T.: 16.009 min
Delta R.T.: 0.000 min
Response: 1686985
Conc: 11.22 ug/ml

Instrument :
FID_D
ClientSampleId :



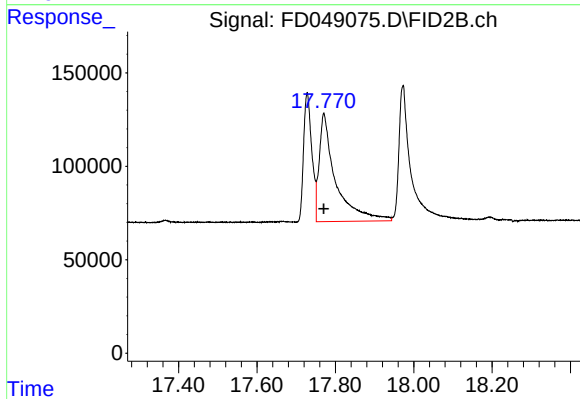
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 1358701
Conc: 10.19 ug/ml



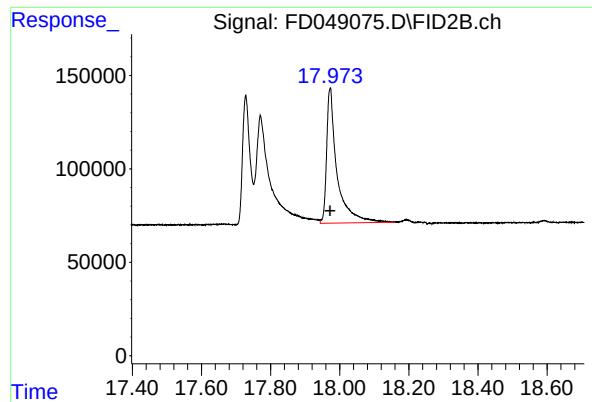
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 1005197
Conc: 8.91 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.000 min
Response: 1692264
Conc: 11.35 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.000 min
Response: 1516030
Conc: 10.78 ug/ml

Instrument :

FID_D

ClientSampleId :