

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048948.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 10:34
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 25 03:31:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:28:54 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...	7.360	1479402	10.537 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
6) S 2-Fluorobiphenyl (SURR)	8.215	849450	9.763 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.53%
11) S ortho-Terphenyl (SURR)	11.239	1726263	10.783 ug/ml
Spiked Amount 50.000		Recovery =	21.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	1604565	10.611 ug/ml
2) T Naphthalene (C11.7)	5.702	1618653	10.451 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	1607311	10.461 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1700004	10.615 ug/ml
7) T Acenaphthene (C15.5)	8.302	1766355	10.947 ug/ml
8) T Fluorene (C16.55)	9.086	1613538	10.386 ug/ml
9) T Phenanthrene (C19.36)	10.471	1562014	10.378 ug/ml
10) T Anthracene (C19.43)	10.550	1574502	10.398 ug/ml
12) T Fluoranthene (C21.85)	12.278	1631103	10.639 ug/ml
13) T Pyrene (C20.8)	12.569	1632105	10.769 ug/ml
14) T Benzo[a]anthracene (C...	14.439	1226846	9.115 ug/ml
15) T Chrysene (C27.41)	14.478	1859136	11.761 ug/ml
16) T benzo[b]fluoranthene ...	15.984	1354636	9.713 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	1754098	11.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	1447102	10.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	938875	9.453 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	1549713	10.680 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	1491403	10.730 ug/ml

(f)=RT Delta > 1/2 Window

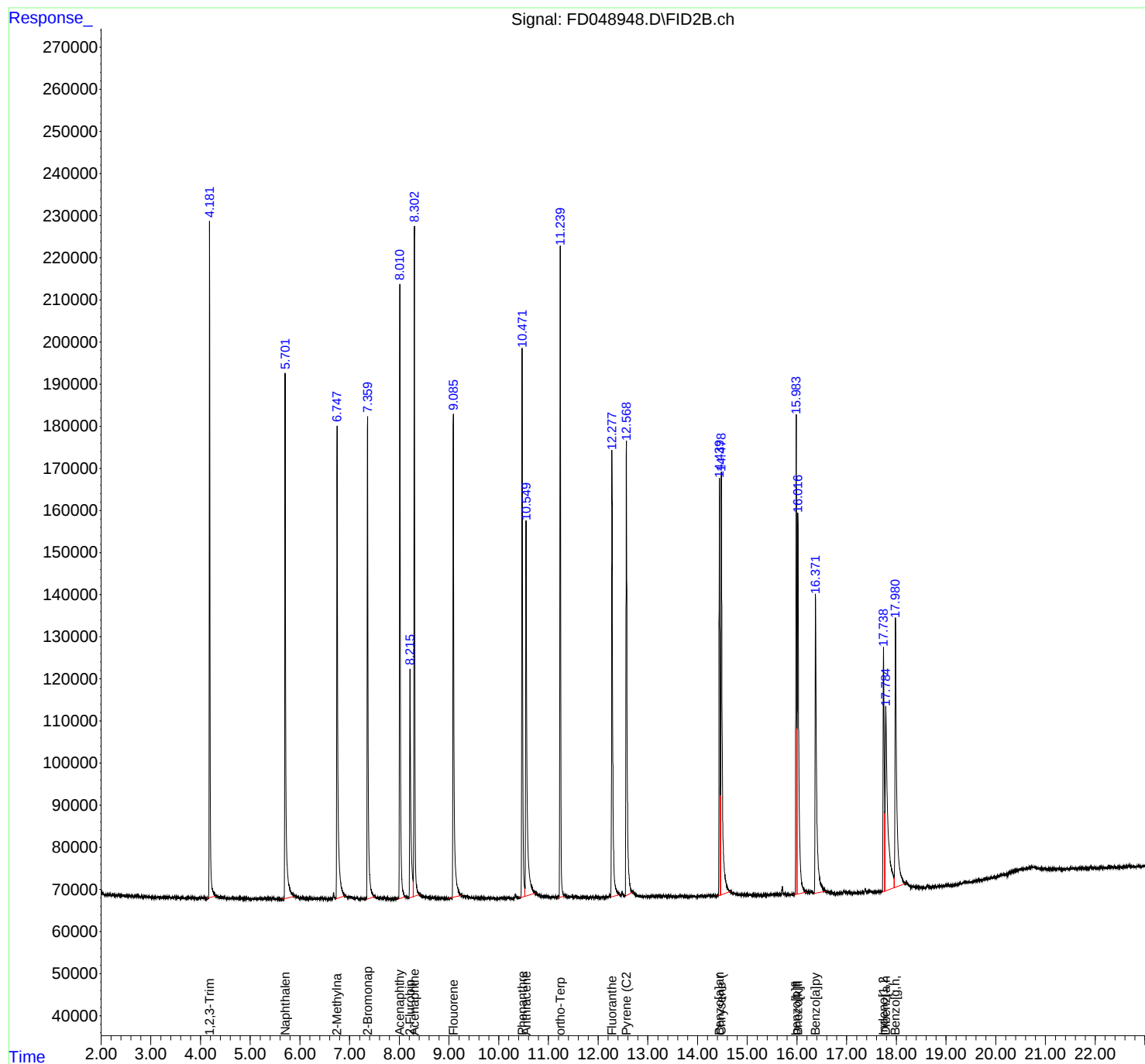
(m)=manual int.

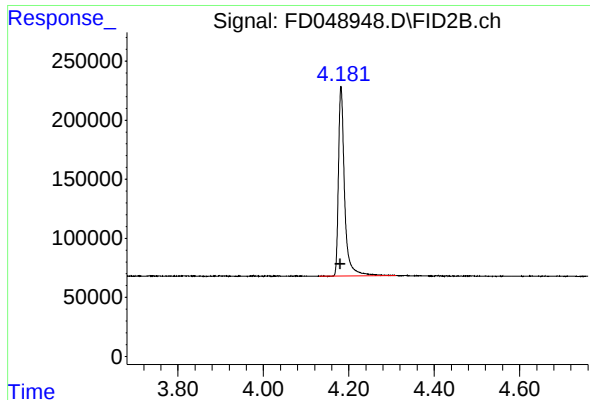
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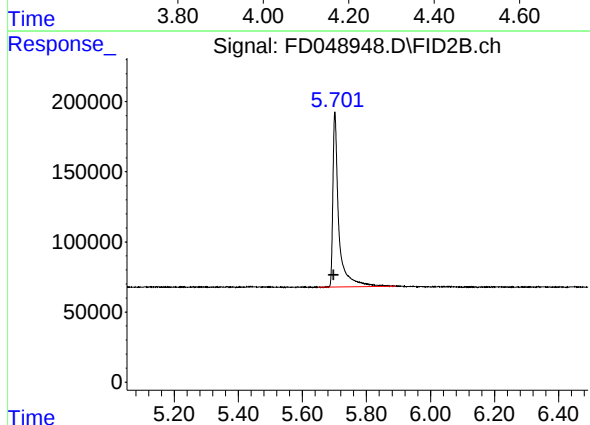




#1 1,2,3-Trimethylbenzene (C10.1)

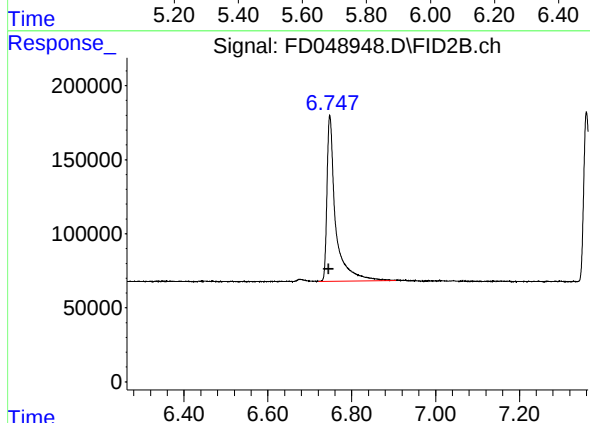
R.T.: 4.182 min
Delta R.T.: 0.002 min
Response: 1604565
Conc: 10.61 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



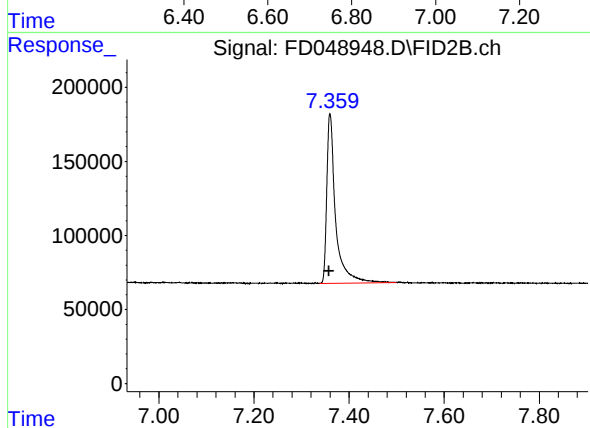
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.003 min
Response: 1618653
Conc: 10.45 ug/ml



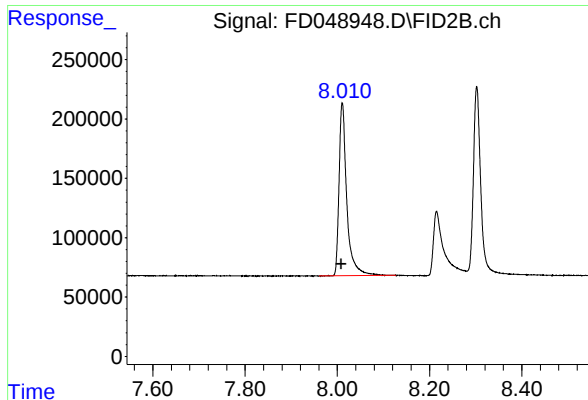
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 1607311
Conc: 10.46 ug/ml



#4 2-Bromonaphthalene (SURR)

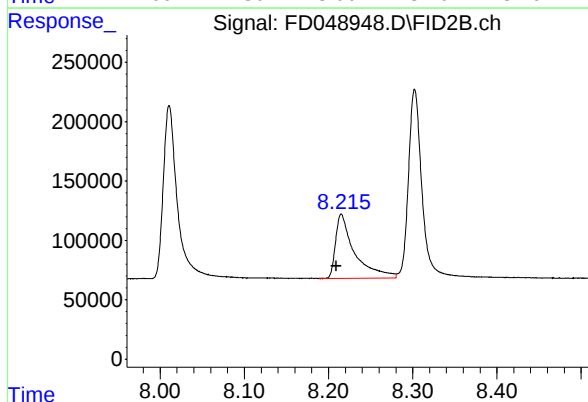
R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 1479402
Conc: 10.54 ug/ml



#5 Acenaphthylene (C15.06)

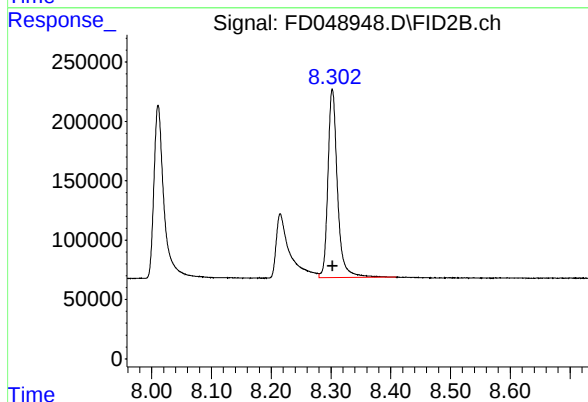
R.T.: 8.011 min
Delta R.T.: 0.002 min
Response: 1700004
Conc: 10.62 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



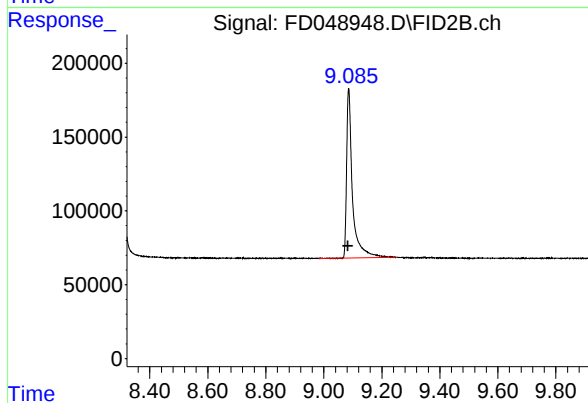
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: 0.006 min
Response: 849450
Conc: 9.76 ug/ml



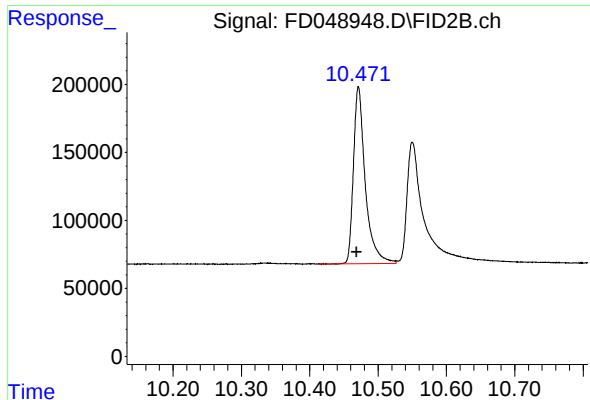
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 1766355
Conc: 10.95 ug/ml



#8 Flouorene (C16.55)

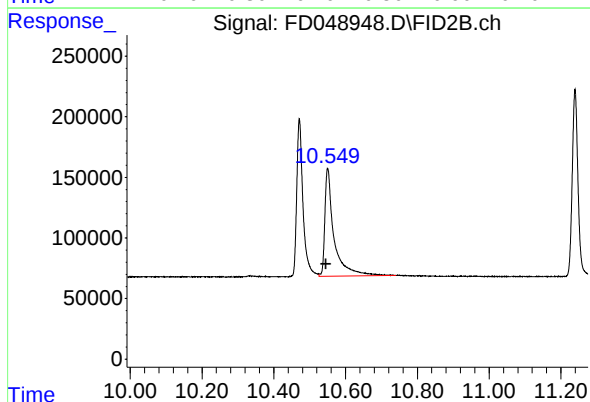
R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 1613538
Conc: 10.39 ug/ml



#9 Phenanthrene (C19.36)

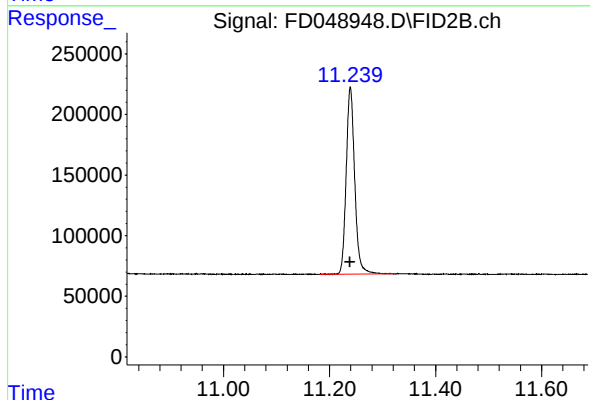
R.T.: 10.471 min
Delta R.T.: 0.003 min
Response: 1562014
Conc: 10.38 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



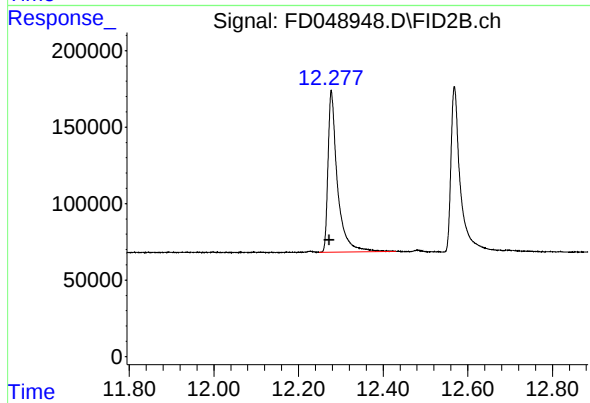
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: 0.004 min
Response: 1574502
Conc: 10.40 ug/ml



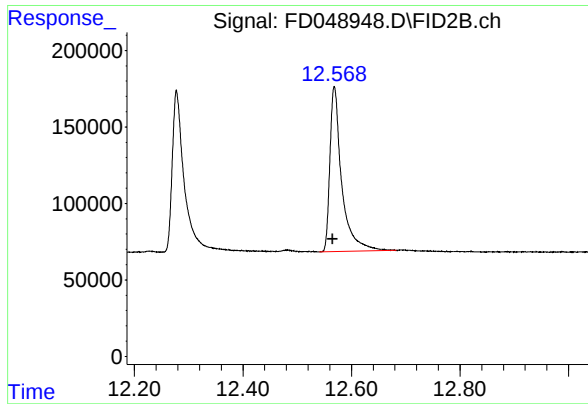
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 1726263
Conc: 10.78 ug/ml



#12 Fluoranthene (C21.85)

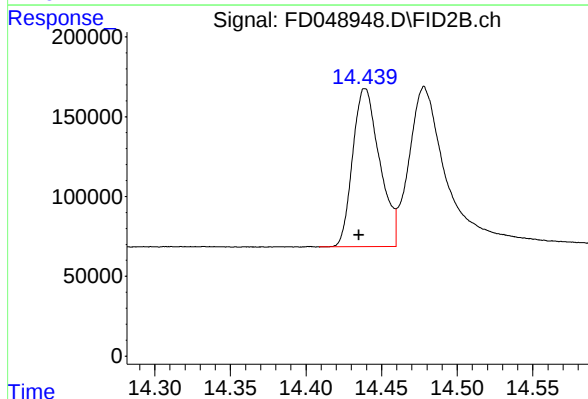
R.T.: 12.278 min
Delta R.T.: 0.005 min
Response: 1631103
Conc: 10.64 ug/ml



#13 Pyrene (C20.8)

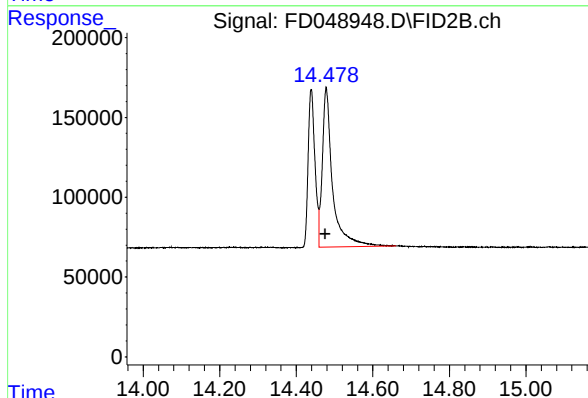
R.T.: 12.569 min
Delta R.T.: 0.003 min
Response: 1632105
Conc: 10.77 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



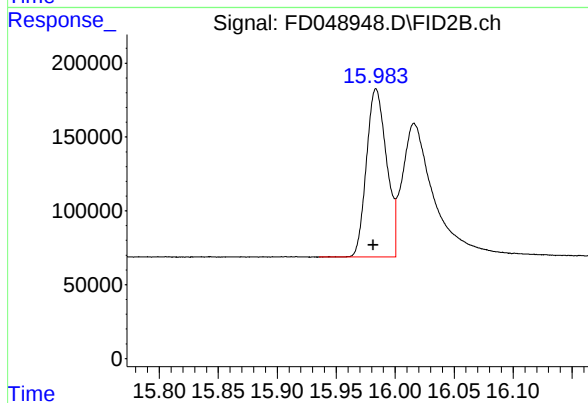
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: 0.004 min
Response: 1226846
Conc: 9.12 ug/ml



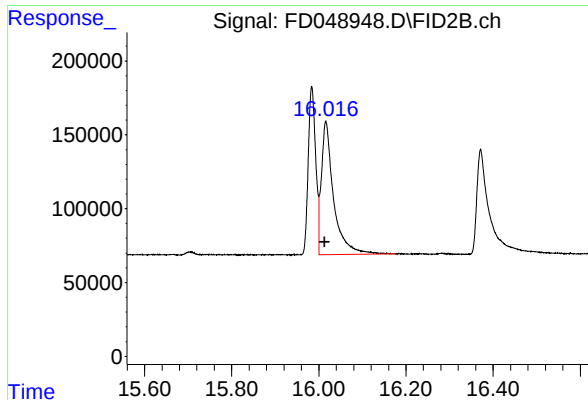
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.002 min
Response: 1859136
Conc: 11.76 ug/ml



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

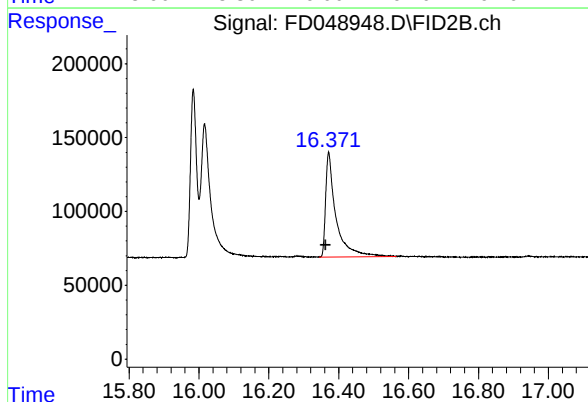
R.T.: 15.984 min
Delta R.T.: 0.002 min
Response: 1354636
Conc: 9.71 ug/ml



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

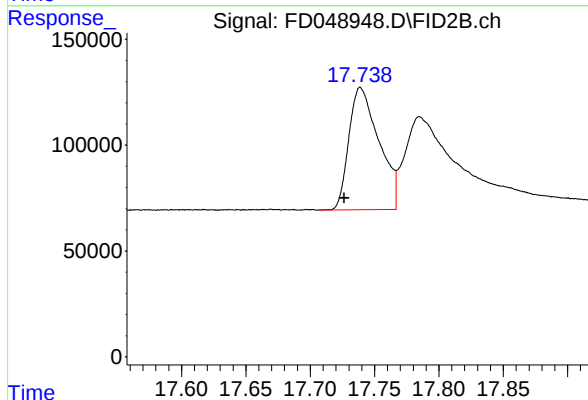
R.T.: 16.016 min
Delta R.T.: 0.003 min
Response: 1754098
Conc: 11.45 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



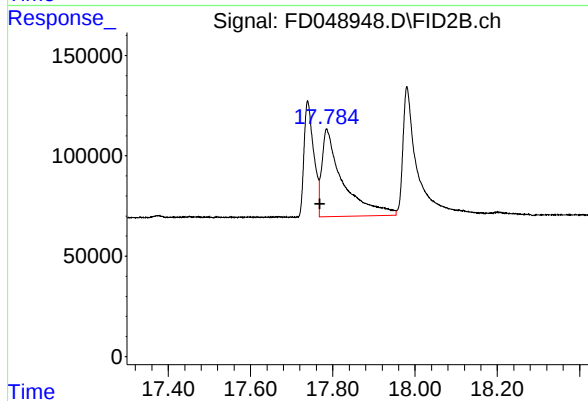
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.010 min
Response: 1447102
Conc: 10.63 ug/ml



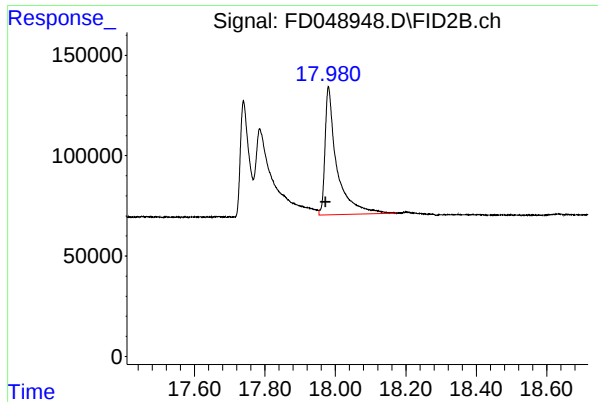
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.012 min
Response: 938875
Conc: 9.45 ug/ml



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

R.T.: 17.785 min
Delta R.T.: 0.016 min
Response: 1549713
Conc: 10.68 ug/ml



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

R.T.: 17.980 min

Delta R.T.: 0.008 min

Response: 1491403

Conc: 10.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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