

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049149.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 23:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 01 02:23:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.351	3112938	21.752 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
6) S 2-Fluorobiphenyl (SURR)	8.202	1935781	22.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.04%
11) S ortho-Terphenyl (SURR)	11.233	3516404	21.736 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3482094	21.865 ug/ml
2) T Naphthalene (C11.7)	5.692	3491614	21.989 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3436502	22.072 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3538476	21.761 ug/ml
7) T Acenaphthene (C15.5)	8.295	3544219	21.544 ug/ml
8) T Fluorene (C16.55)	9.076	3414145	21.657 ug/ml
9) T Phenanthrene (C19.36)	10.463	3285846	21.804 ug/ml
10) T Anthracene (C19.43)	10.540	3144239	20.819 ug/ml
12) T Fluoranthene (C21.85)	12.268	3406381	22.074 ug/ml
13) T Pyrene (C20.8)	12.560	3338059	21.667 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2962829	22.550 ug/ml
15) T Chrysene (C27.41)	14.472	3493330	21.606 ug/ml
16) T benzo[b]fluoranthene ...	15.979	3063160	22.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3396369	21.504 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	2853122	21.020 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.724	2187483	20.018 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	3318186	21.388 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	3034725	20.936 ug/ml

(f)=RT Delta > 1/2 Window

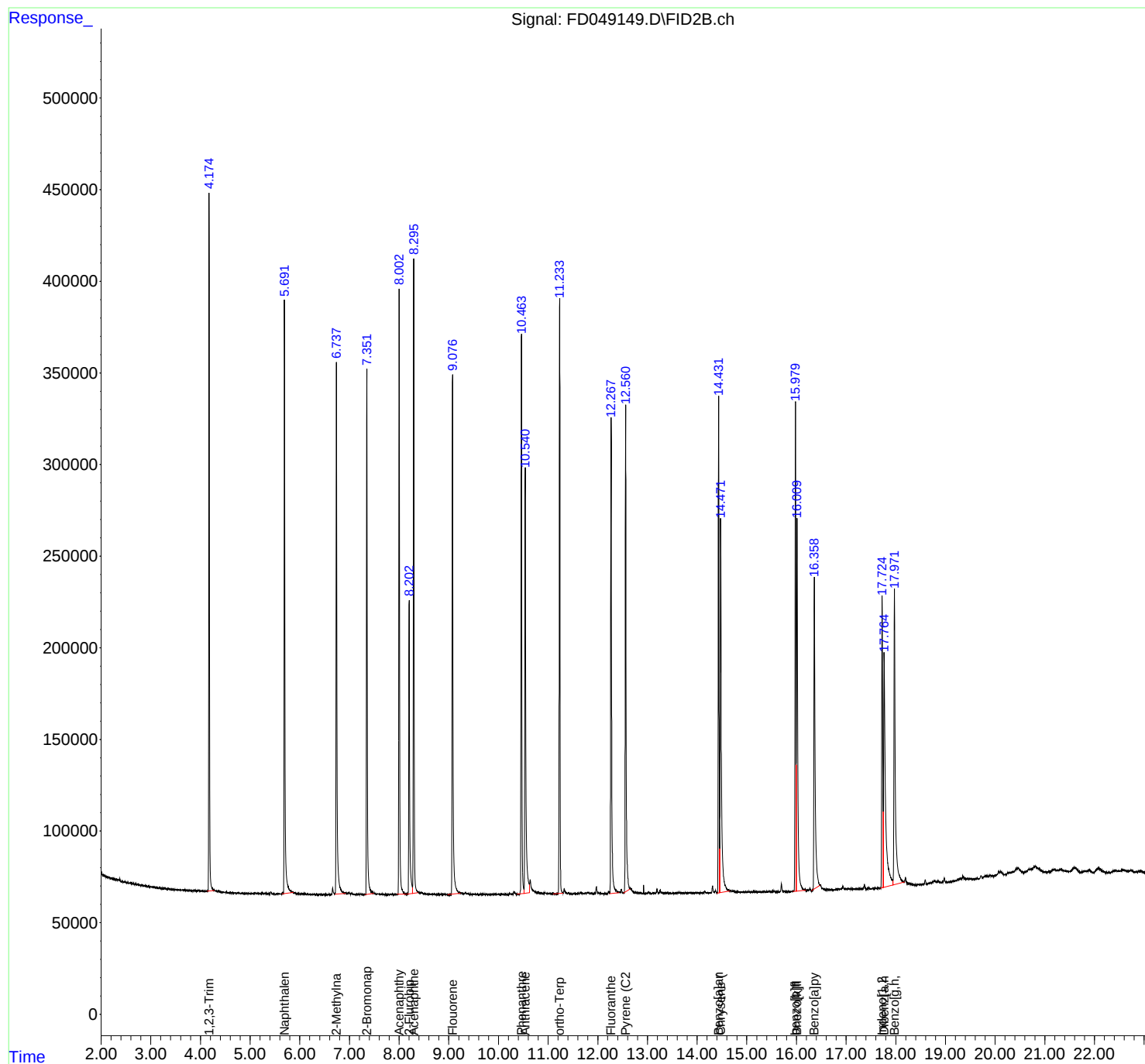
(m)=manual int.

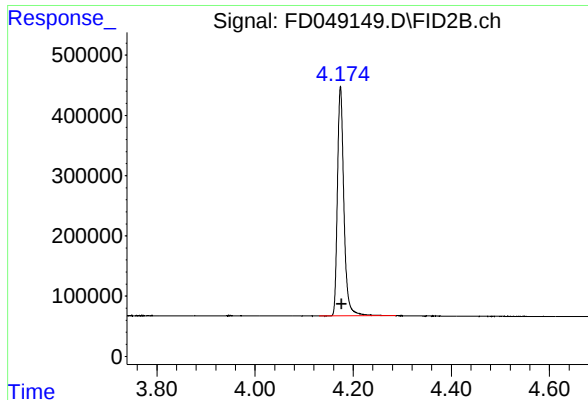
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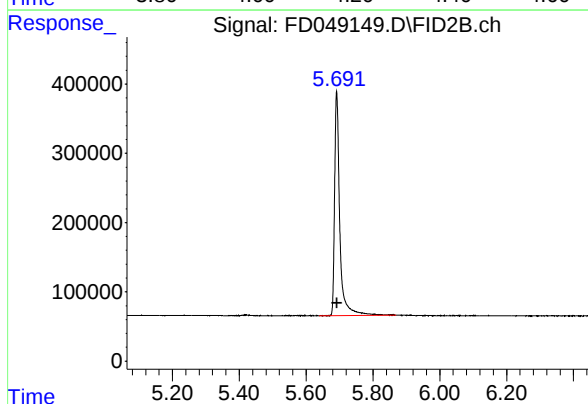




#1 1,2,3-Trimethylbenzene (C10.1)

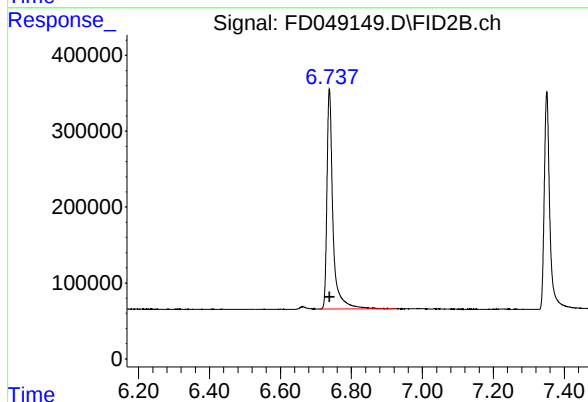
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 3482094
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



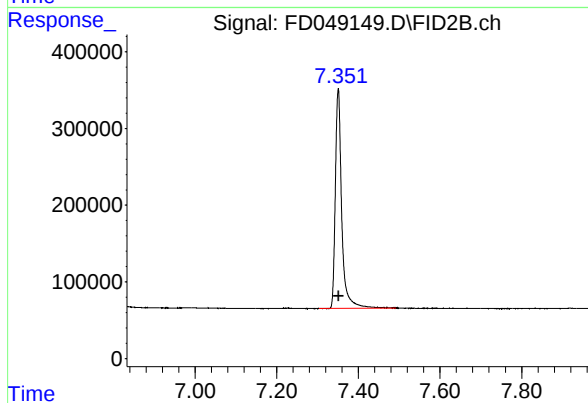
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 3491614
Conc: 21.99 ug/ml



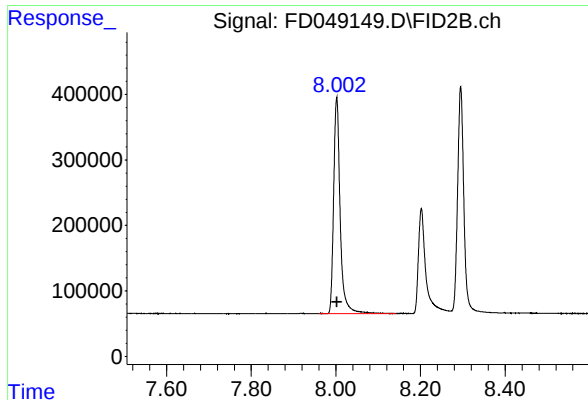
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 3436502
Conc: 22.07 ug/ml



#4 2-Bromonaphthalene (SURR)

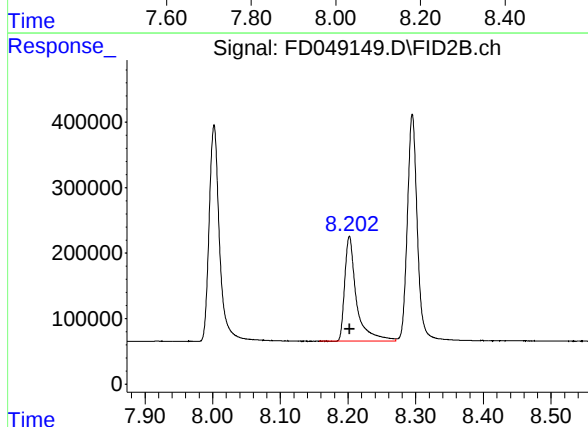
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 3112938
Conc: 21.75 ug/ml



#5 Acenaphthylene (C15.06)

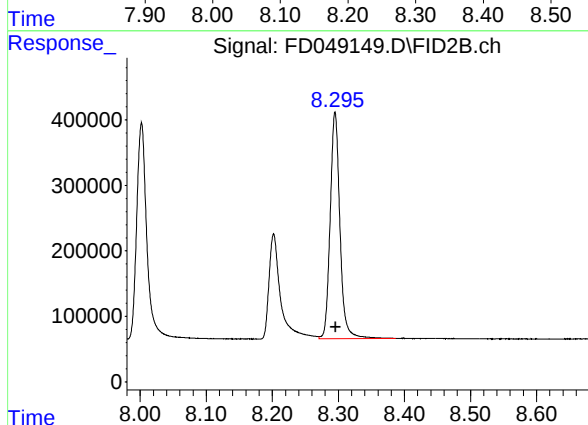
R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 3538476
Conc: 21.76 ug/ml

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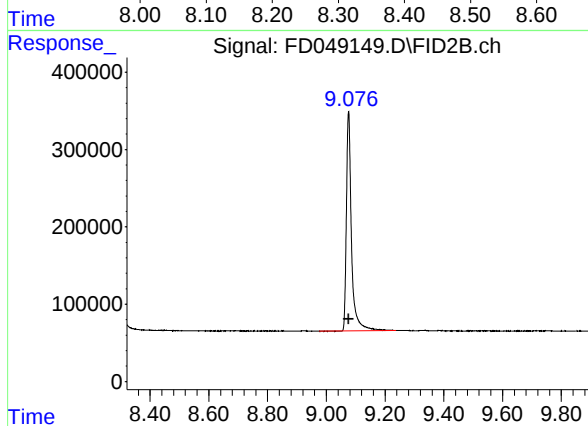
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 1935781
Conc: 22.02 ug/ml



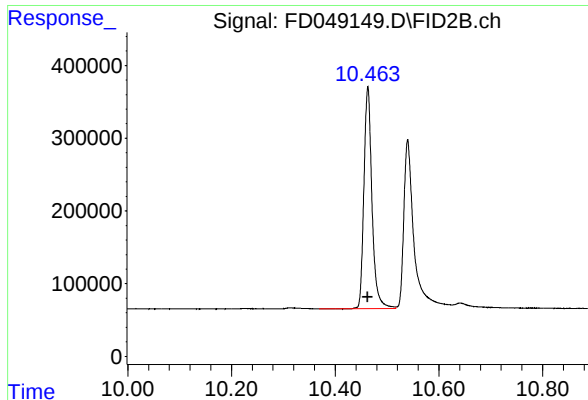
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.001 min
Response: 3544219
Conc: 21.54 ug/ml



#8 Flouorene (C16.55)

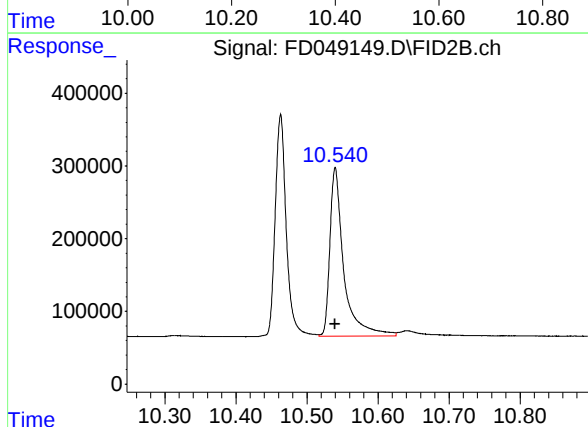
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 3414145
Conc: 21.66 ug/ml



#9 Phenanthrene (C19.36)

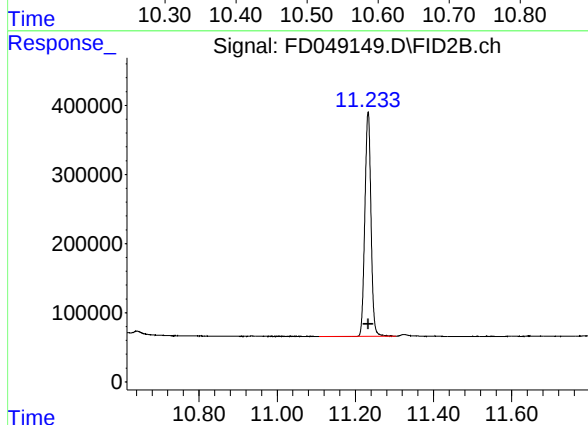
R.T.: 10.463 min
Delta R.T.: 0.000 min
Response: 3285846
Conc: 21.80 ug/ml

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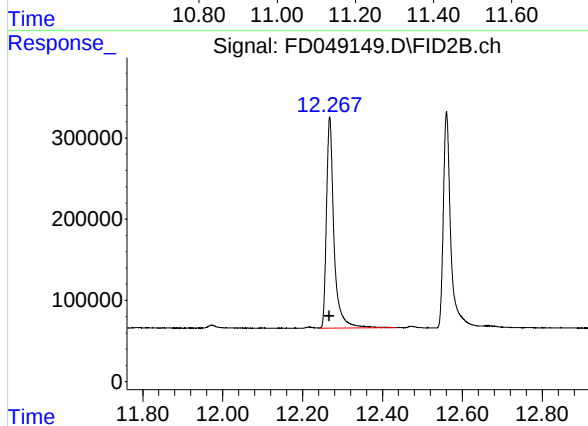
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 3144239
Conc: 20.82 ug/ml



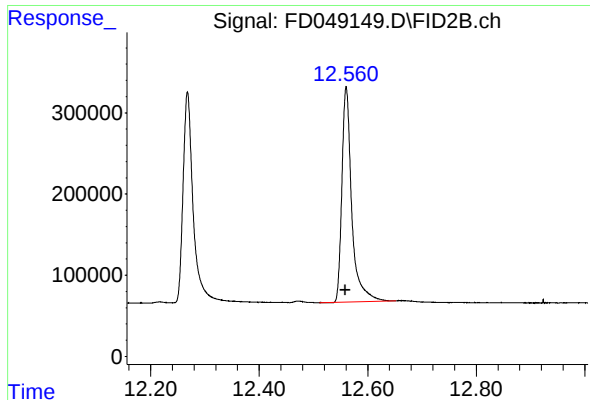
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3516404
Conc: 21.74 ug/ml



#12 Fluoranthene (C21.85)

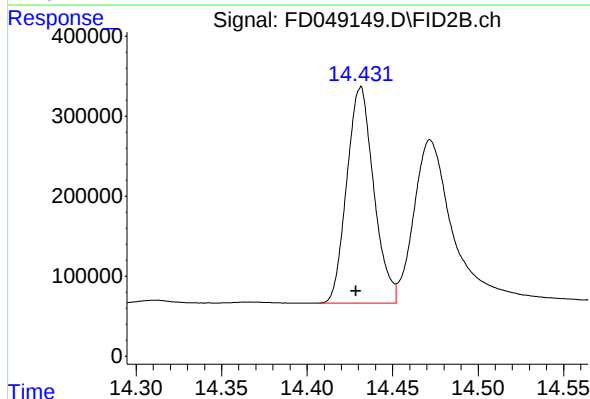
R.T.: 12.268 min
Delta R.T.: 0.001 min
Response: 3406381
Conc: 22.07 ug/ml



#13 Pyrene (C20.8)

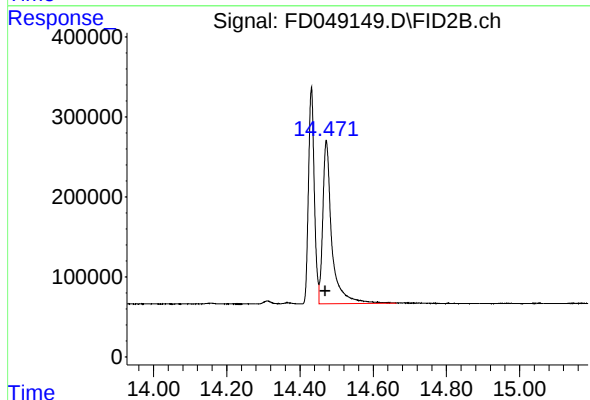
R.T.: 12.560 min
Delta R.T.: 0.002 min
Response: 3338059
Conc: 21.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



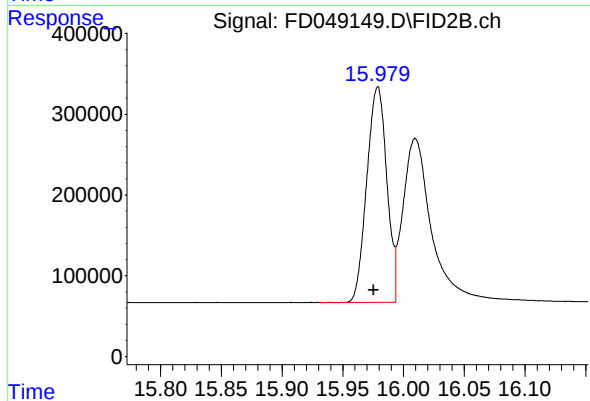
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: 0.003 min
Response: 2962829
Conc: 22.55 ug/ml



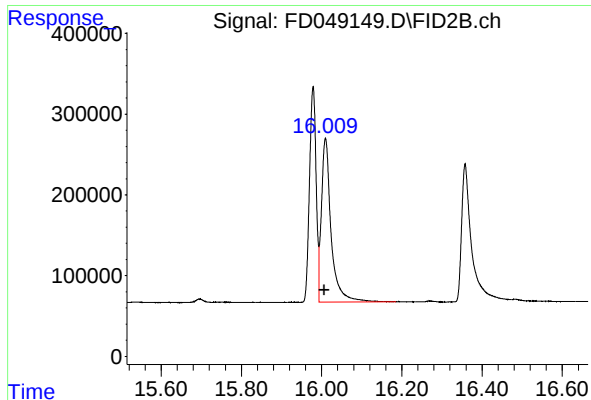
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 3493330
Conc: 21.61 ug/ml



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

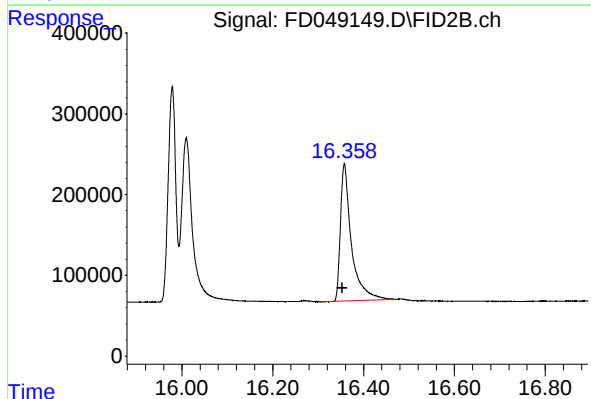
R.T.: 15.979 min
Delta R.T.: 0.003 min
Response: 3063160
Conc: 22.26 ug/ml



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

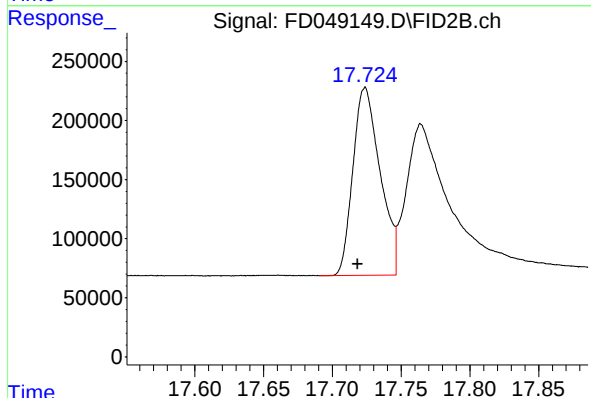
R.T.: 16.010 min
Delta R.T.: 0.004 min
Response: 3396369
Conc: 21.50 ug/ml

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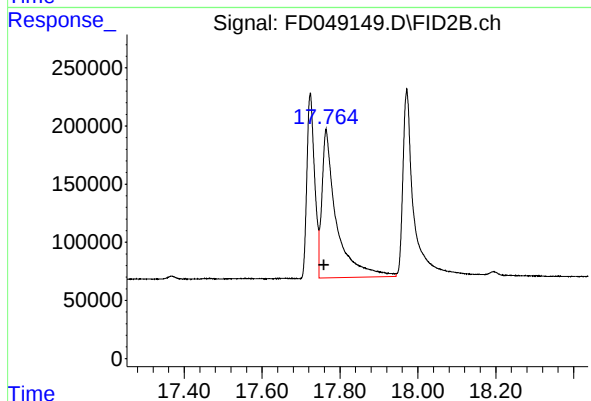
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: 0.004 min
Response: 2853122
Conc: 21.02 ug/ml



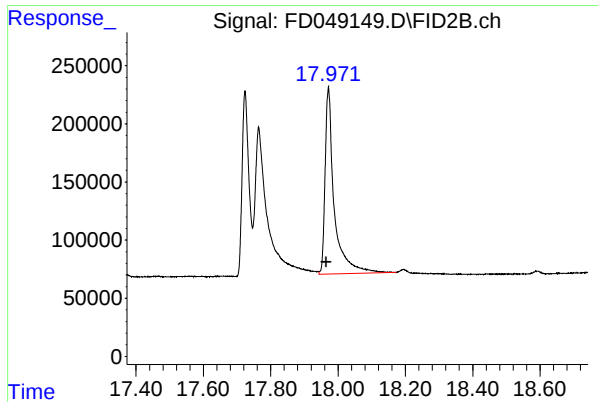
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min
Delta R.T.: 0.005 min
Response: 2187483
Conc: 20.02 ug/ml



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

R.T.: 17.764 min
Delta R.T.: 0.005 min
Response: 3318186
Conc: 21.39 ug/ml



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

R.T.: 17.972 min

Delta R.T.: 0.006 min

Response: 3034725

Conc: 20.94 ug/ml

Instrument :

FID_D

ClientSampleId :

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