

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047479.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 16:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 01 17:51:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.460	2968735	19.858 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
6) S 2-Fluorobiphenyl (SURR)	8.313	1959690	20.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.11%
11) S ortho-Terphenyl (SURR)	11.349	3410242	19.893 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3116197	19.721 ug/ml
2) T Naphthalene (C11.7)	5.801	3245355	19.832 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3271828	19.892 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3002343	19.891 ug/ml
7) T Acenaphthene (C15.5)	8.411	3179348	19.851 ug/ml
8) T Flouorene (C16.55)	9.189	3082705	19.927 ug/ml
9) T Phenanthrene (C19.36)	10.578	3004257	20.192 ug/ml
10) T Anthracene (C19.43)	10.652	2716348	19.972 ug/ml
12) T Fluoranthene (C21.85)	12.381	2951722	19.967 ug/ml
13) T Pyrene (C20.8)	12.676	2878251	19.943 ug/ml
14) T Benzo[a]anthracene (C...	14.540	2625472	19.964 ug/ml
15) T Chrysene (C27.41)	14.582	2804155	19.886 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2769238	19.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	2766479	19.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2735514	19.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2666852	19.771 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2712949	20.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2759463	19.882 ug/ml

(f)=RT Delta > 1/2 Window

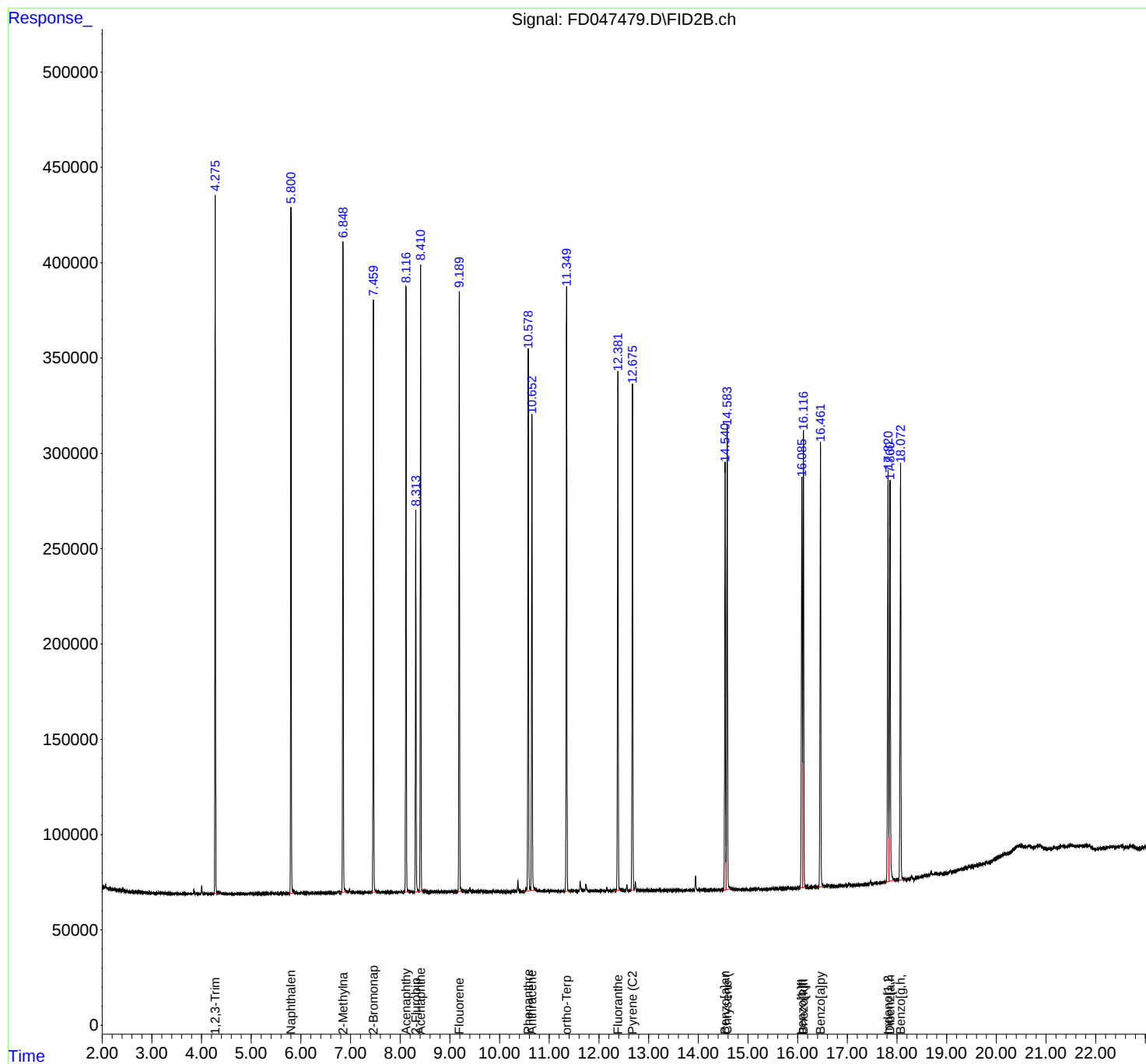
(m)=manual int.

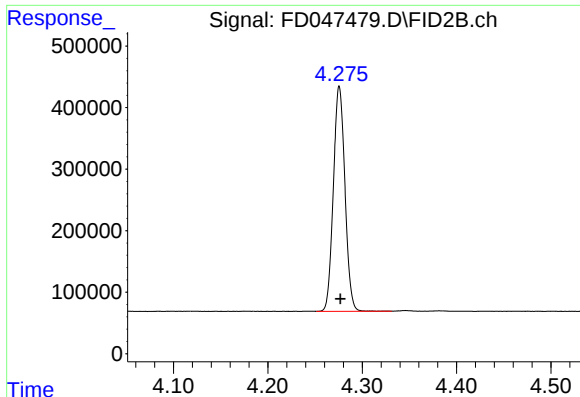
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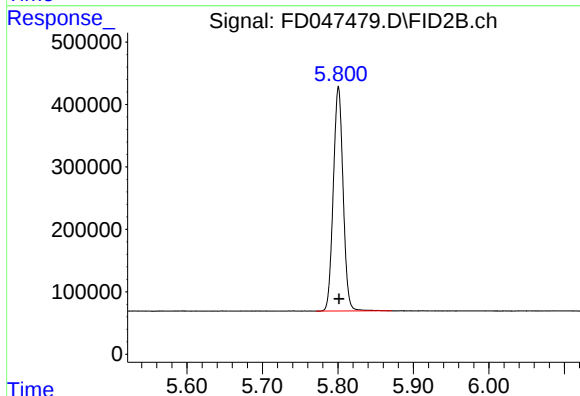




#1 1,2,3-Trimethylbenzene (C10.1)

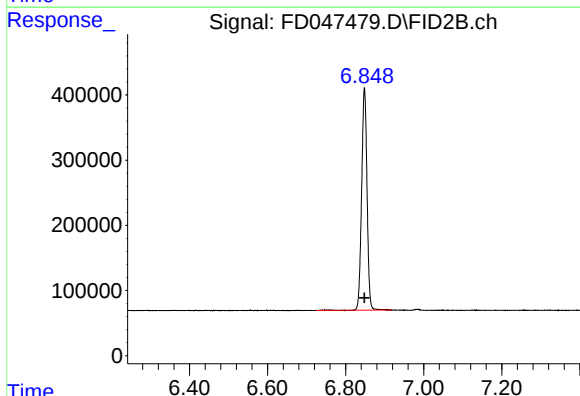
R.T.: 4.276 min
Delta R.T.: -0.001 min
Response: 3116197
Conc: 19.72 ug/ml

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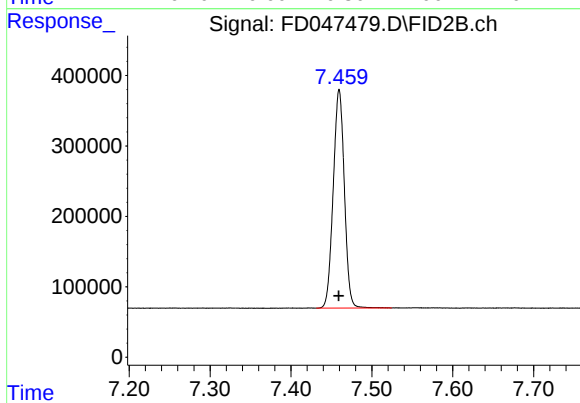
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 3245355
Conc: 19.83 ug/ml



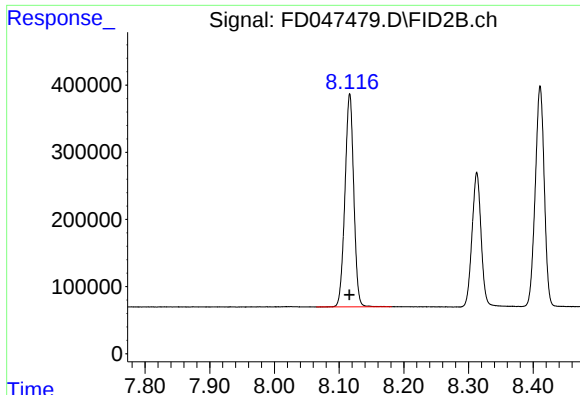
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3271828
Conc: 19.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 2968735
Conc: 19.86 ug/ml



#5 Acenaphthylene (C15.06)

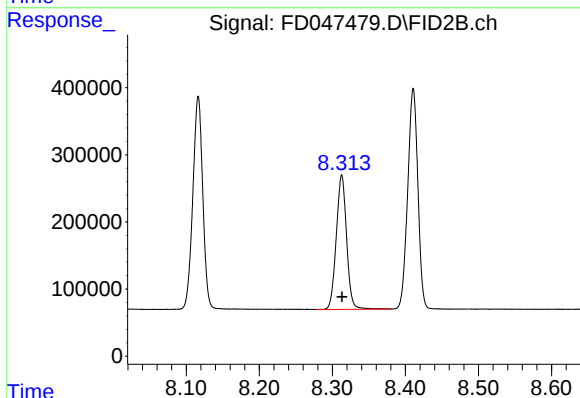
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3002343
Conc: 19.89 ug/ml

Instrument :

FID_D

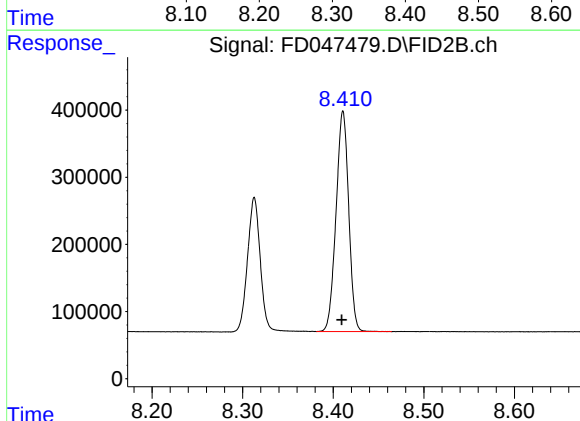
ClientSampleId :

20 PPM AROMATIC HC STD ICV



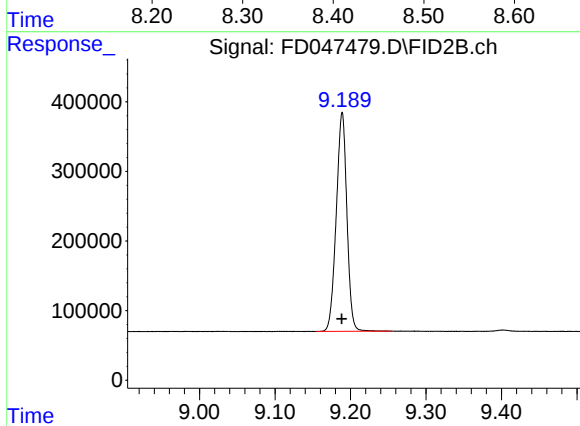
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1959690
Conc: 20.06 ug/ml



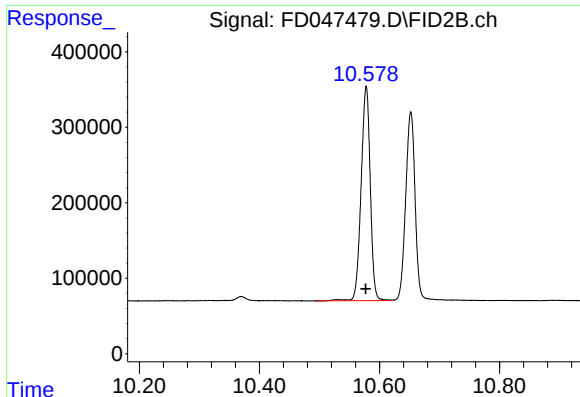
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3179348
Conc: 19.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3082705
Conc: 19.93 ug/ml



#9 Phenanthrene (C19.36)

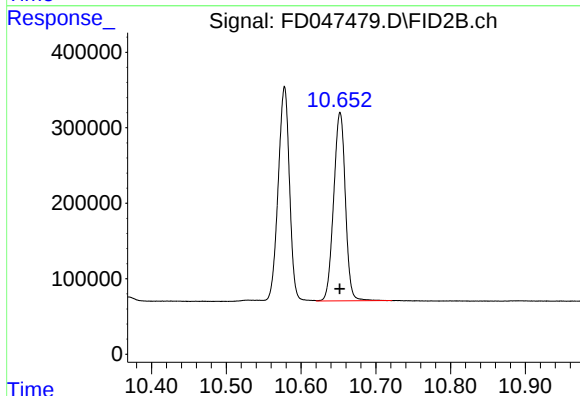
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3004257
Conc: 20.19 ug/ml

Instrument :

FID_D

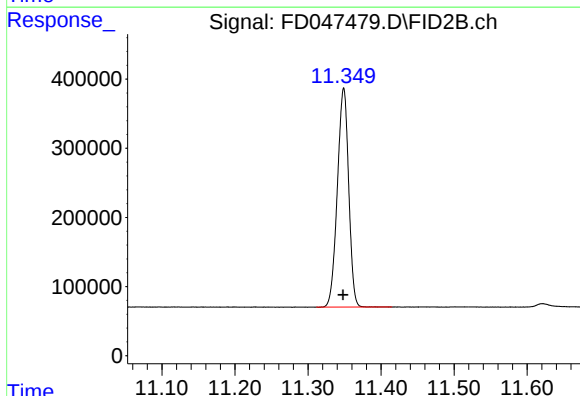
ClientSampleId :

20 PPM AROMATIC HC STD ICV



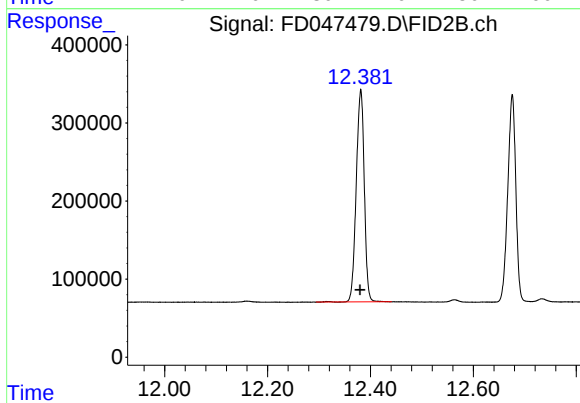
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 2716348
Conc: 19.97 ug/ml



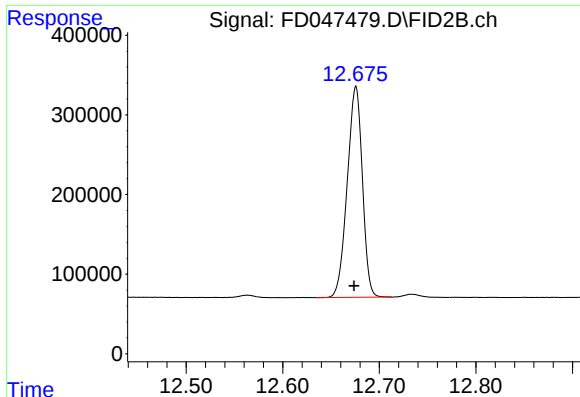
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 3410242
Conc: 19.89 ug/ml



#12 Fluoranthene (C21.85)

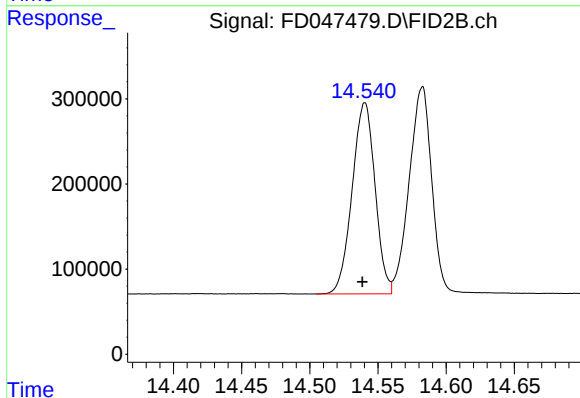
R.T.: 12.381 min
Delta R.T.: 0.001 min
Response: 2951722
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

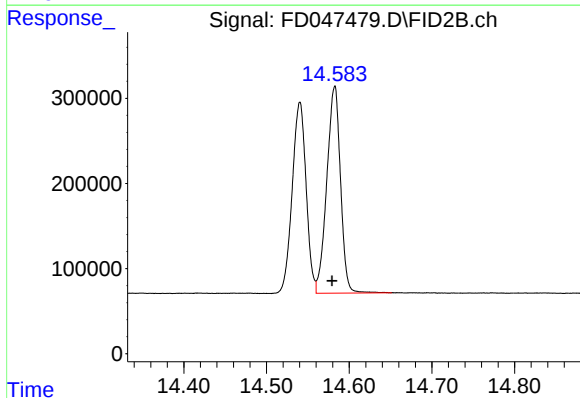
R.T.: 12.676 min
Delta R.T.: 0.002 min
Response: 2878251
Conc: 19.94 ug/ml

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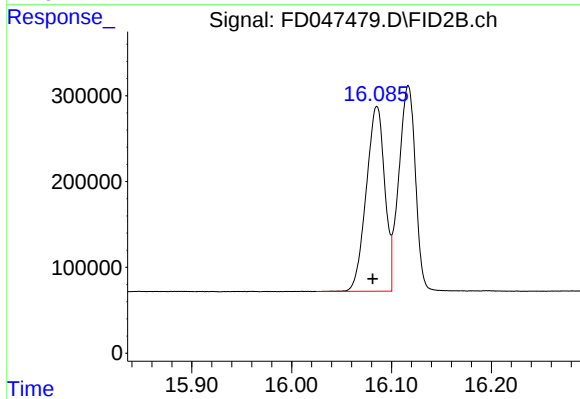
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: 0.002 min
Response: 2625472
Conc: 19.96 ug/ml



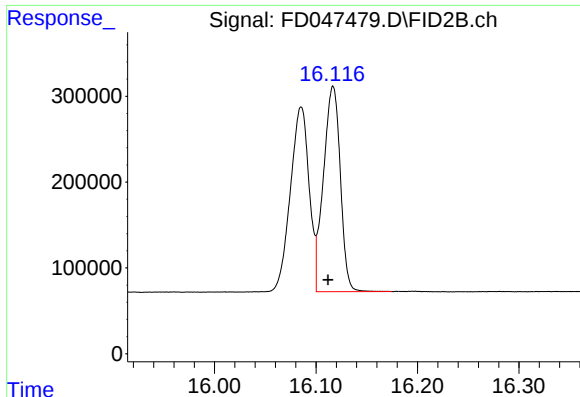
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.003 min
Response: 2804155
Conc: 19.89 ug/ml



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

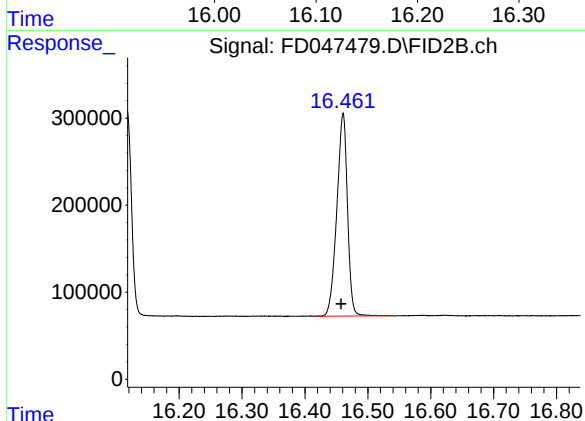
R.T.: 16.085 min
Delta R.T.: 0.004 min
Response: 2769238
Conc: 19.85 ug/ml



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

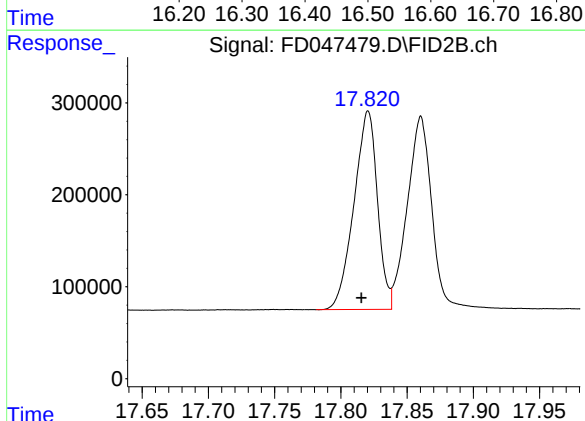
R.T.: 16.117 min
Delta R.T.: 0.005 min
Response: 2766479
Conc: 19.89 ug/ml

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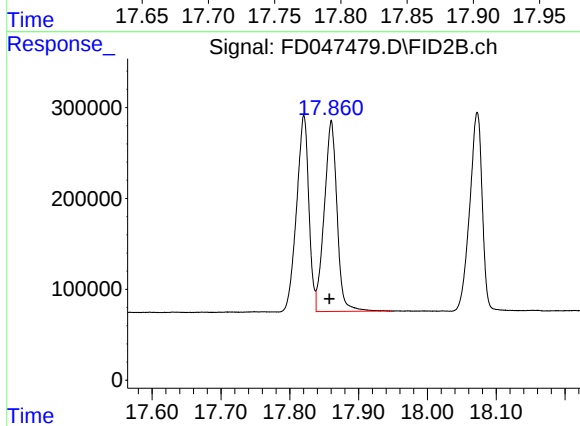
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.003 min
Response: 2735514
Conc: 19.92 ug/ml



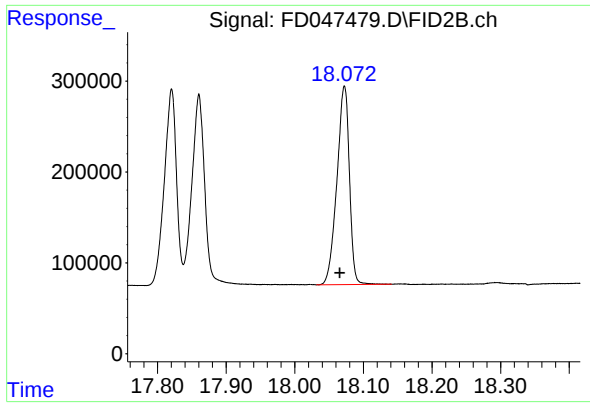
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.005 min
Response: 2666852
Conc: 19.77 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 2712949
Conc: 20.19 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.006 min
Response: 2759463
Conc: 19.88 ug/ml

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