

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036907.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 16:55
 Operator : DD\AJ
 Sample : M1967-03MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SED-1AMSD

Manual Integrations
 APPROVED

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 4/15/2021 12:06:14 PM

Integration File: autoint1.e
 Quant Time: Apr 15 01:22:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	8.146f	6358979	45.214 ug/mlm
Spiked Amount 50.000		Recovery =	90.43%
6) S 2-Fluorobiphenyl (SURR)	8.442	289565	3.085 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.17%
11) S ortho-Terphenyl (SURR)	12.480f	6430848	42.106 ug/mlm
Spiked Amount 50.000		Recovery =	84.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	4989591	34.039 ug/mlm
2) T Naphthalene (C11.7)	5.920	63562	0.404 ug/ml
3) T 2-Methylnaphthalene (...)	6.357f	6051910	38.507 ug/mlm
5) T Acenaphthylene (C15.06)	8.146f	6372289	42.527 ug/mlm
7) T Acenaphthene (C15.5)	8.146f	6363391	40.992 ug/mlm
8) T Fluorene (C16.55)	9.740f	6666418	44.278 ug/mlm
9) T Phenanthrene (C19.36)	11.176f	6811165	46.470 ug/mlm
10) T Anthracene (C19.43)	11.176f	6806970	47.020 ug/mlm
12) T Fluoranthene (C21.85)	12.480f	6423395	45.752 ug/ml
13) T Pyrene (C20.8)	12.920f	3577760	26.077 ug/mlm
14) T Benzo[a]anthracene (C...	14.770f	5774225	48.622 ug/mlm
15) T Chrysene (C27.41)	14.770	5767144	47.689 ug/ml
16) T benzo[b]fluoranthene ...	16.730f	5417105	49.367 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.730f	5436731	51.146 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730f	5438168	54.566 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.026	120656	1.200 ug/ml
20) T Dibenz[a,h]anthracene...	18.026	120656	1.197 ug/ml
21) T Benzo[g,h,i]perylene ...	18.439f	5207690	51.398 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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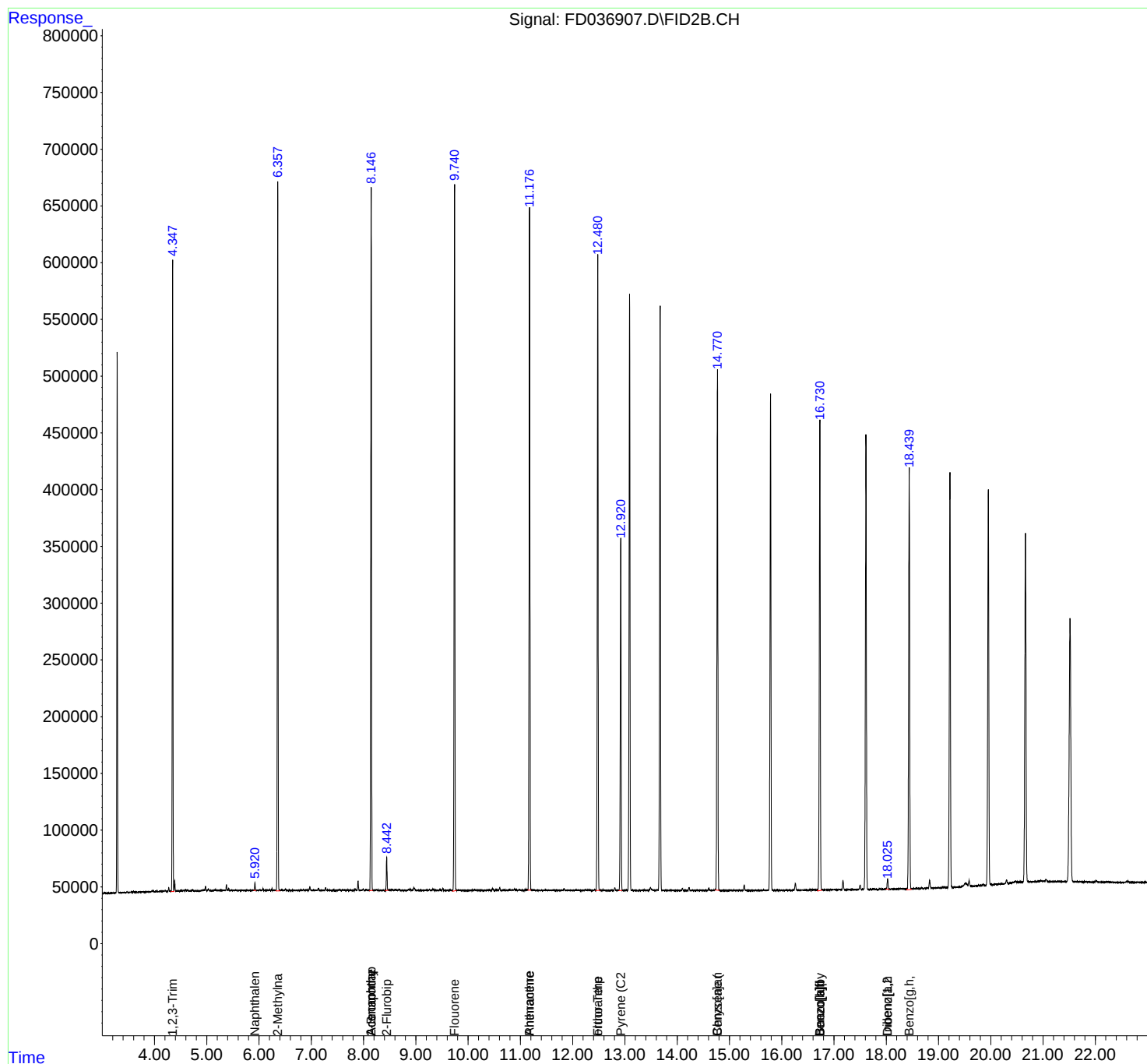
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SED-1AMSD

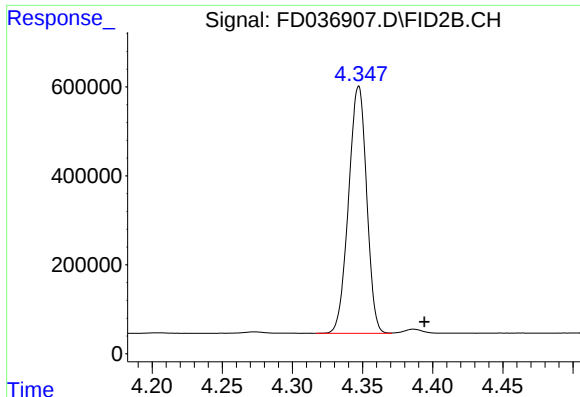
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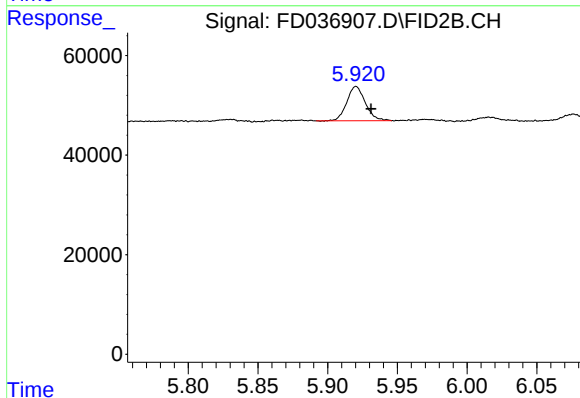
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.347 min
Delta R.T.: -0.047 min
Response: 4989591
Conc: 34.04 ug/ml m

Instrument :
FID_D
ClientSampleId :
SED-1AMSD

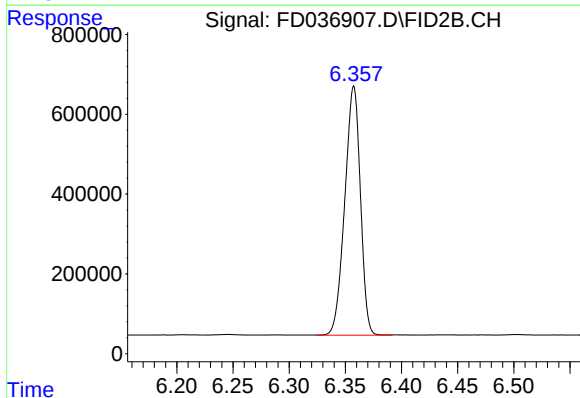
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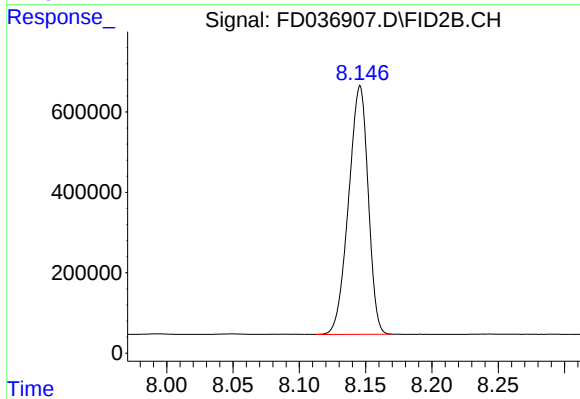
#2 Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.011 min
Response: 63562
Conc: 0.40 ug/ml



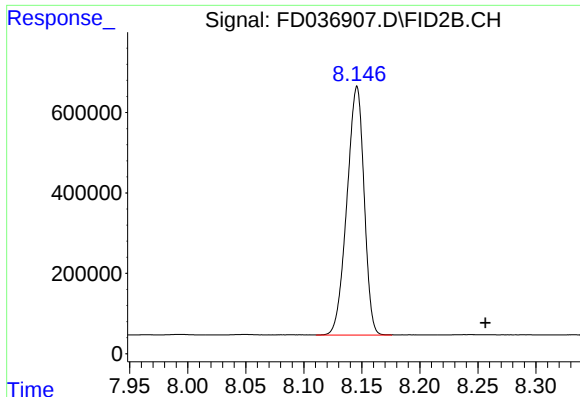
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.357 min
Delta R.T.: -0.625 min
Response: 6051910
Conc: 38.51 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 8.146 min
Delta R.T.: 0.552 min
Response: 6358979
Conc: 45.21 ug/ml m



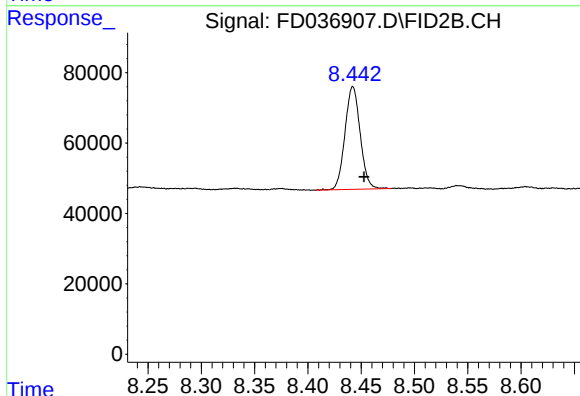
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.111 min
Response: 6372289
Conc: 42.53 ug/ml m

Instrument :
FID_D
ClientSampleId :
SED-1AMSD

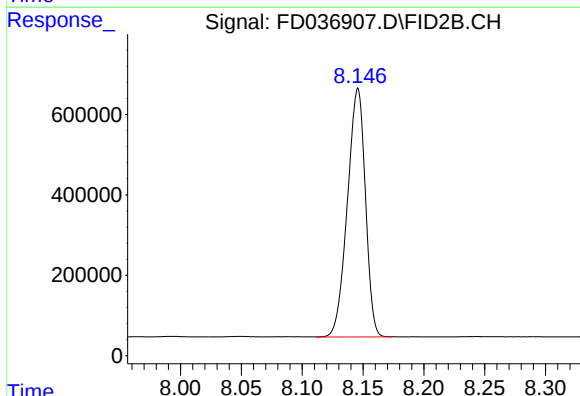
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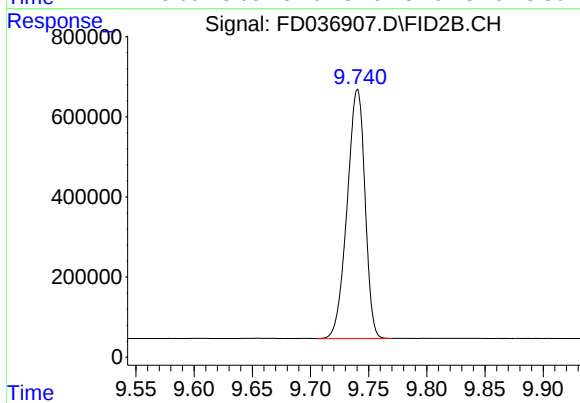
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.442 min
Delta R.T.: -0.011 min
Response: 289565
Conc: 3.08 ug/ml



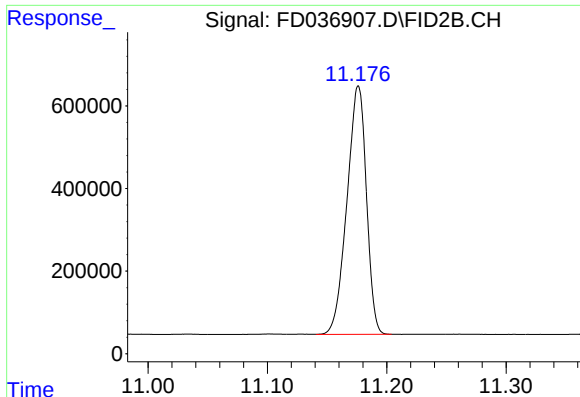
#7 Acenaphthene (C15.5)

R.T.: 8.146 min
Delta R.T.: -0.407 min
Response: 6363391
Conc: 40.99 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.740 min
Delta R.T.: 0.409 min
Response: 6666418
Conc: 44.28 ug/ml m



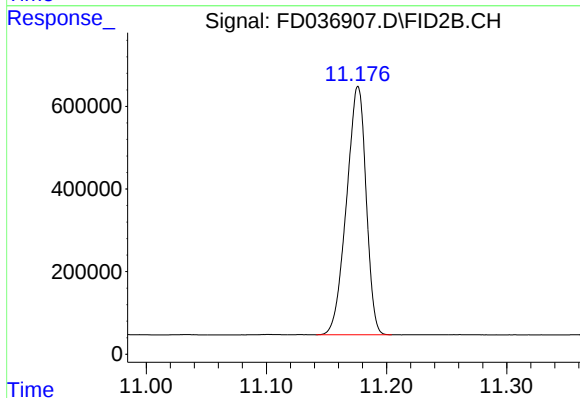
#9 Phenanthrene (C19.36)

R.T.: 11.176 min
Delta R.T.: 0.450 min
Response: 6811165
Conc: 46.47 ug/ml m

Instrument :
FID_D
ClientSampleId :
SED-1AMSD

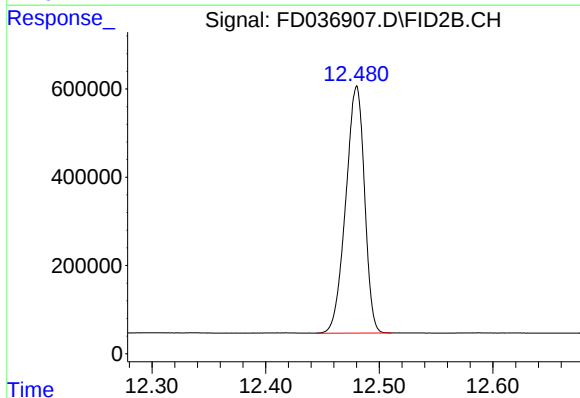
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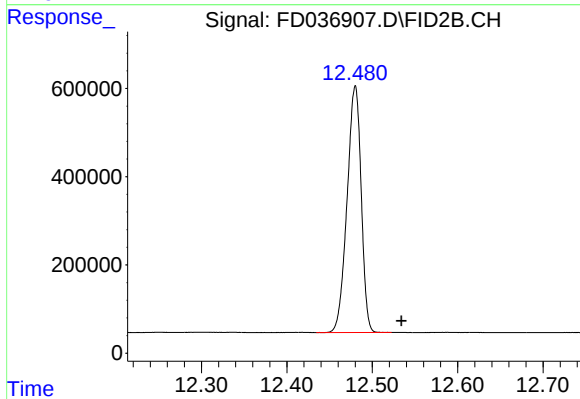
#10 Anthracene (C19.43)

R.T.: 11.176 min
Delta R.T.: 0.376 min
Response: 6806970
Conc: 47.02 ug/ml m



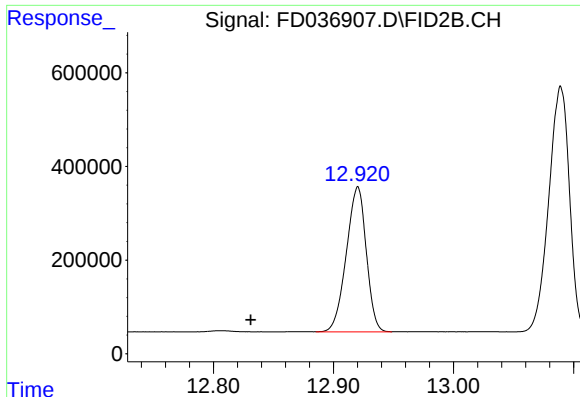
#11 ortho-Terphenyl (SURR)

R.T.: 12.480 min
Delta R.T.: 0.986 min
Response: 6430848
Conc: 42.11 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.054 min
Response: 6423395
Conc: 45.75 ug/ml



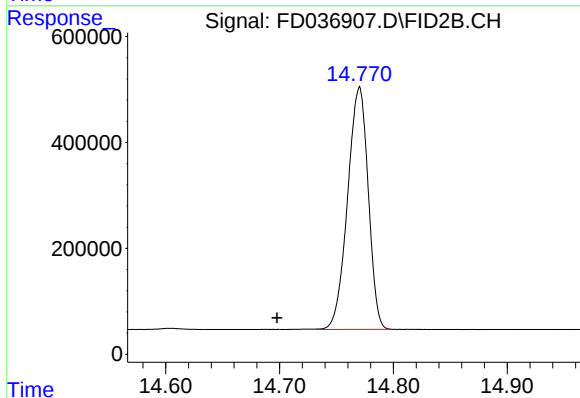
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: 0.089 min
Response: 3577760
Conc: 26.08 ug/ml m

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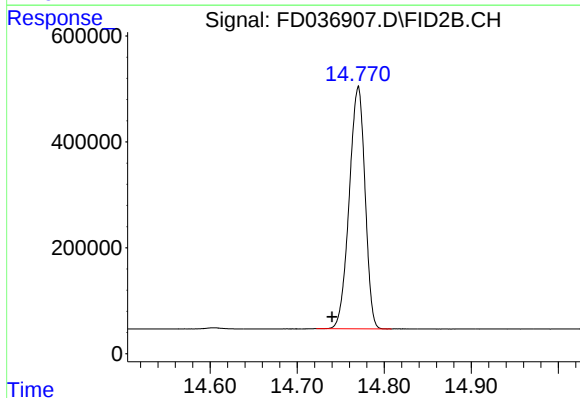
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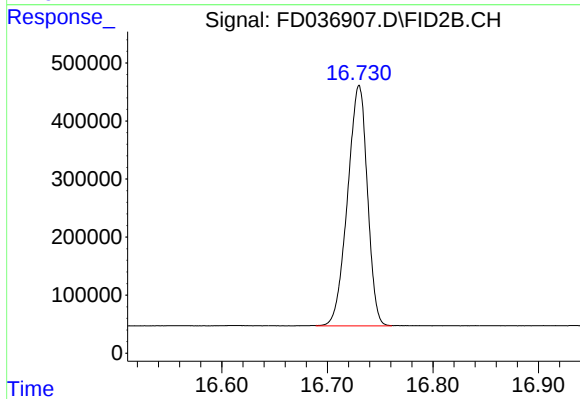
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.770 min
Delta R.T.: 0.073 min
Response: 5774225
Conc: 48.62 ug/ml m



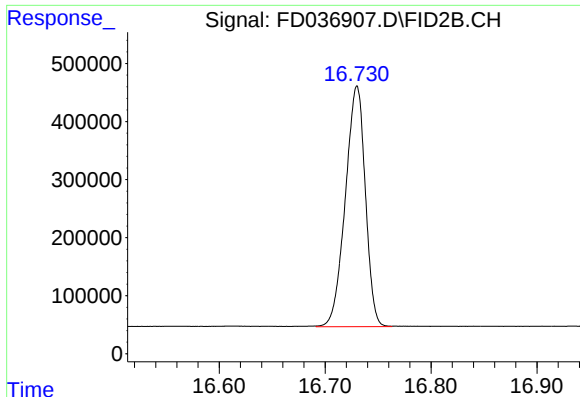
#15 Chrysene (C27.41)

R.T.: 14.770 min
Delta R.T.: 0.030 min
Response: 5767144
Conc: 47.69 ug/ml



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

R.T.: 16.730 min
Delta R.T.: 0.486 min
Response: 5417105
Conc: 49.37 ug/ml m



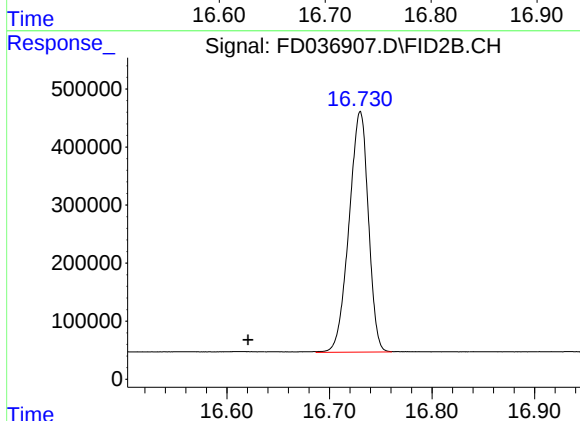
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.730 min
Delta R.T.: 0.454 min
Response: 5436731
Conc: 51.15 ug/ml m

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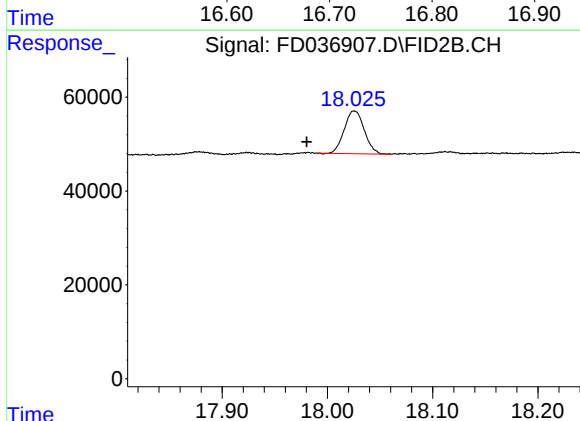
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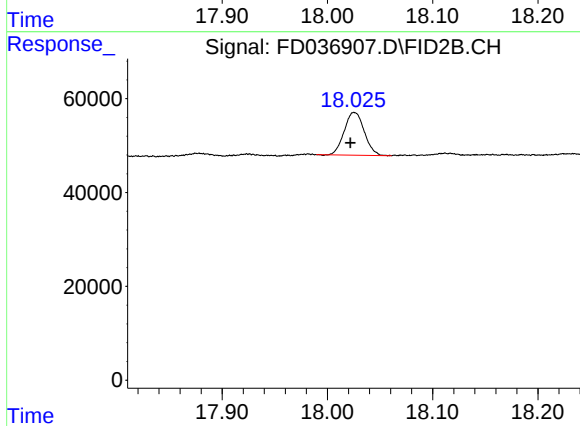
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.109 min
Response: 5438168
Conc: 54.57 ug/ml m



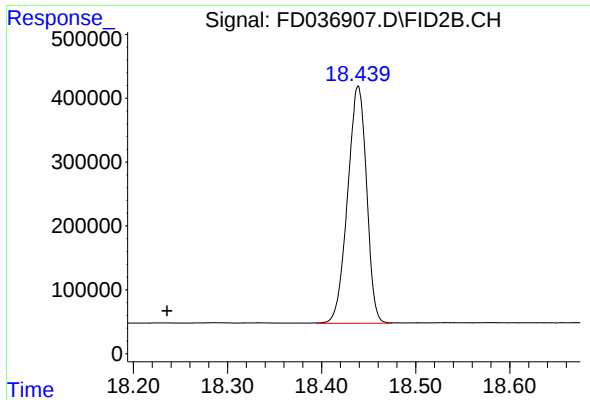
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.026 min
Delta R.T.: 0.045 min
Response: 120656
Conc: 1.20 ug/ml



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

R.T.: 18.026 min
Delta R.T.: 0.004 min
Response: 120656
Conc: 1.20 ug/ml



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

R.T.: 18.439 min
Delta R.T.: 0.203 min
Response: 5207690
Conc: 51.40 ug/ml m

Instrument :
FID_D
ClientSampleId :
SED-1AMSD

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