

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036906.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 16:16
 Operator : DD\AJ
 Sample : M1967-02MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SED-1AMS

Manual Integrations
 APPROVED

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Integration File: autoint1.e
 Quant Time: Apr 15 01:22:35 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	6386268	45.408 ug/mlm
Spiked Amount 50.000		Recovery =	90.82%
6) S 2-Fluorobiphenyl (SURR)	8.442	288294	3.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.14%
11) S ortho-Terphenyl (SURR)	11.175f	6862570	44.933 ug/mlm
Spiked Amount 50.000		Recovery =	89.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	5011045	34.186 ug/mlm
2) T Naphthalene (C11.7)	5.921	63238	0.402 ug/ml
3) T 2-Methylnaphthalene (...)	8.146f	6404335	40.749 ug/mlm
5) T Acenaphthylene (C15.06)	8.146f	6381937	42.592 ug/mlm
7) T Acenaphthene (C15.5)	9.740f	6688482	43.086 ug/mlm
8) T Fluorene (C16.55)	9.740f	6690919	44.441 ug/mlm
9) T Phenanthrene (C19.36)	11.175f	6864951	46.837 ug/mlm
10) T Anthracene (C19.43)	11.175f	6864978	47.421 ug/mlm
12) T Fluoranthene (C21.85)	12.480f	6455937	45.984 ug/ml
13) T Pyrene (C20.8)	12.920f	3588329	26.154 ug/mlm
14) T Benzo[a]anthracene (C...	14.769f	5788225	48.739 ug/mlm
15) T Chrysene (C27.41)	14.769	5782496	47.816 ug/ml
16) T benzo[b]fluoranthene ...	16.729f	5397807	49.191 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.729f	5399279	50.794 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729f	5399445	54.178 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.025	101428	1.009 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	101428	1.006 ug/ml
21) T Benzo[g,h,i]perylene ...	18.439f	5163104	50.958 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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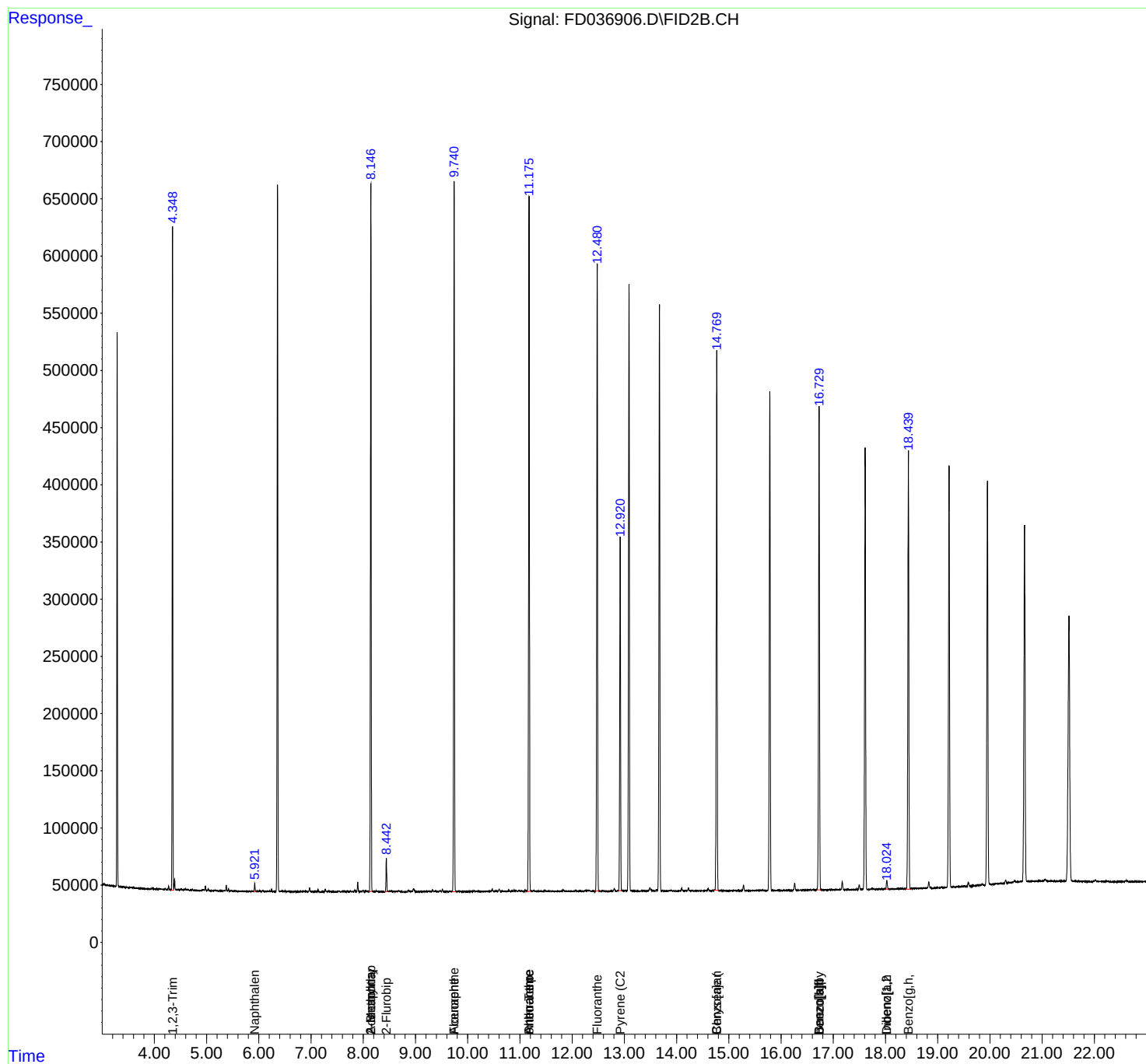
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SED-1AMS

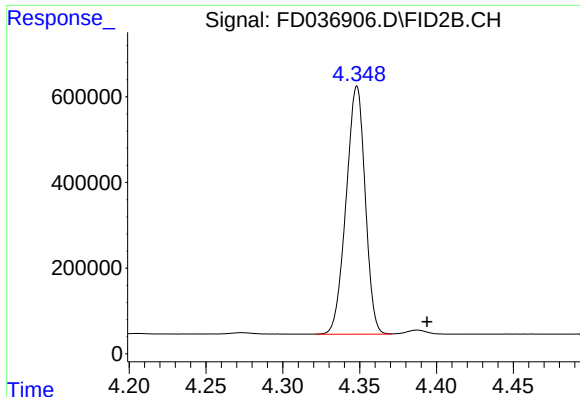
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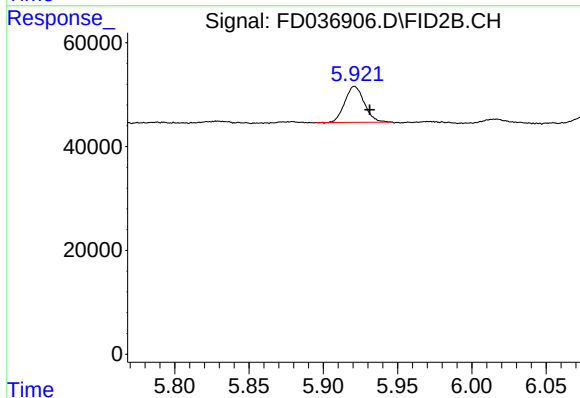
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.348 min
Delta R.T.: -0.046 min
Response: 5011045
Conc: 34.19 ug/ml m

Instrument :
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SED-1AMS

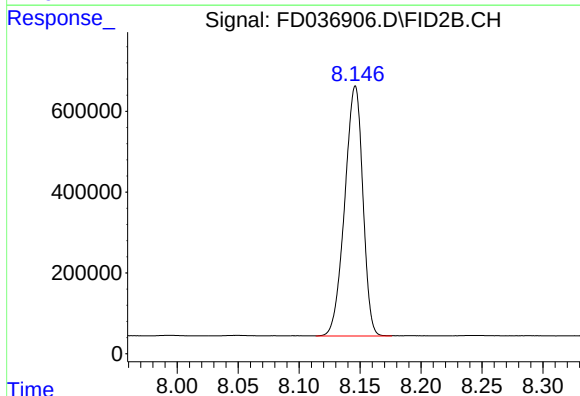
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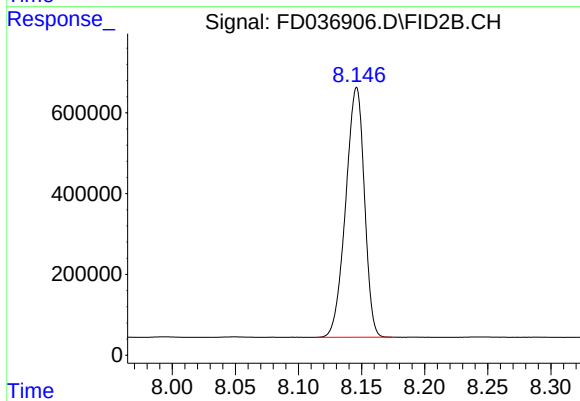
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.010 min
Response: 63238
Conc: 0.40 ug/ml



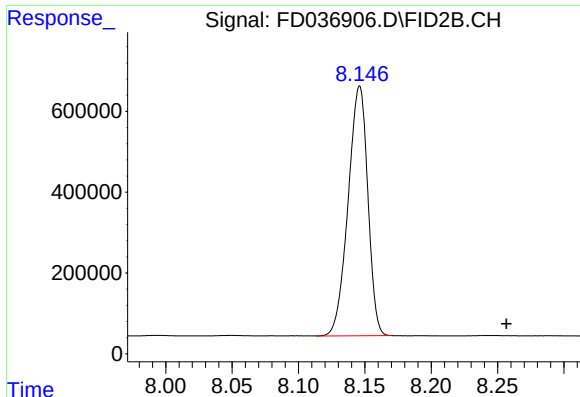
#3 2-Methylnaphthalene (C12.89)

R.T.: 8.146 min
Delta R.T.: 1.163 min
Response: 6404335
Conc: 40.75 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 8.146 min
Delta R.T.: 0.553 min
Response: 6386268
Conc: 45.41 ug/ml m



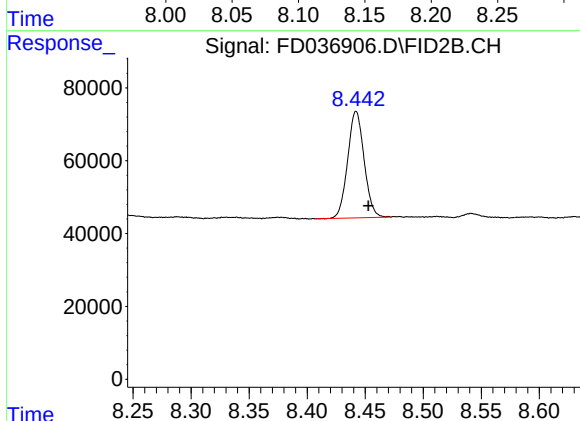
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.111 min
Response: 6381937
Conc: 42.59 ug/ml m

Instrument :
FID_D
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SED-1AMS

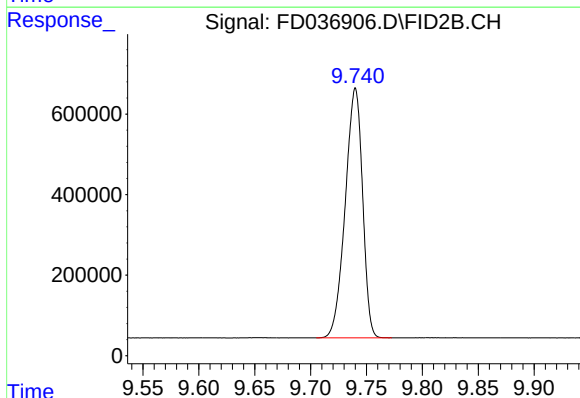
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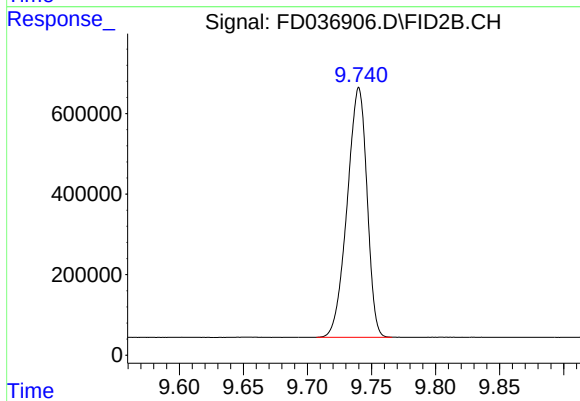
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.442 min
Delta R.T.: -0.011 min
Response: 288294
Conc: 3.07 ug/ml



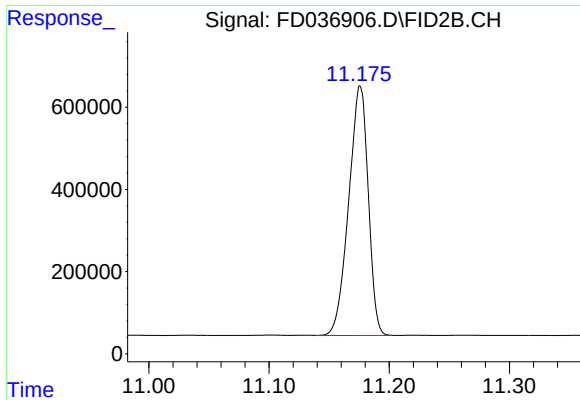
#7 Acenaphthene (C15.5)

R.T.: 9.740 min
Delta R.T.: 1.187 min
Response: 6688482
Conc: 43.09 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.740 min
Delta R.T.: 0.408 min
Response: 6690919
Conc: 44.44 ug/ml m



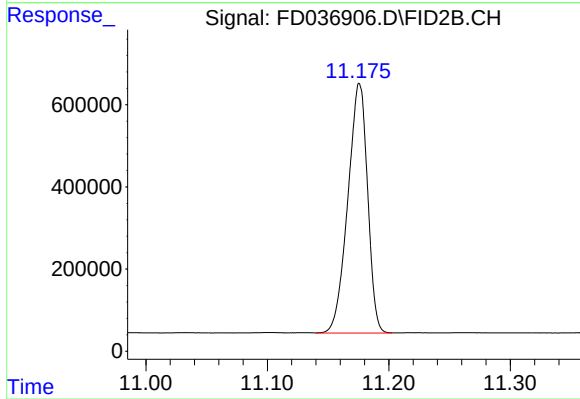
#9 Phenanthrene (C19.36)

R.T.: 11.175 min
Delta R.T.: 0.449 min
Response: 6864951
Conc: 46.84 ug/ml m

Instrument :
FID_D
ClientSampleId :
SED-1AMS

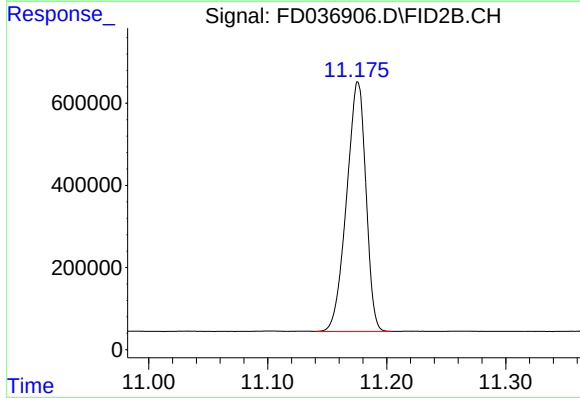
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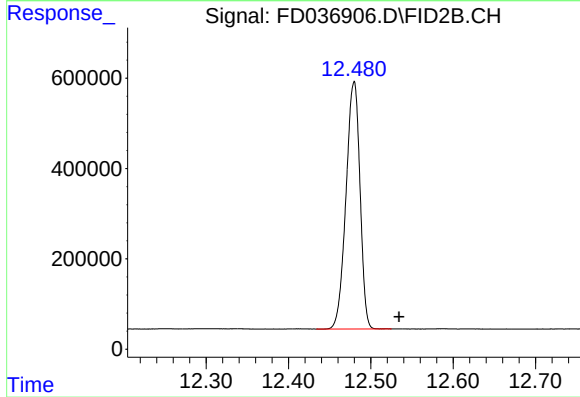
#10 Anthracene (C19.43)

R.T.: 11.175 min
Delta R.T.: 0.375 min
Response: 6864978
Conc: 47.42 ug/ml m



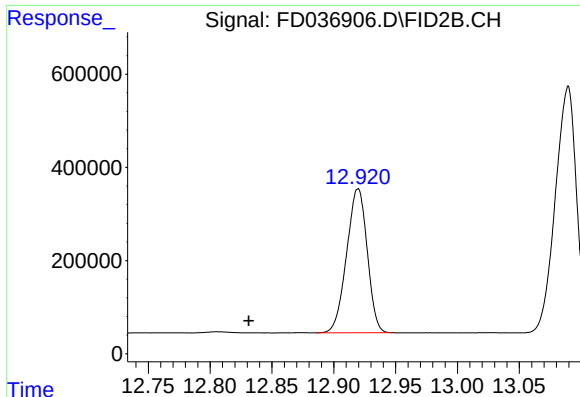
#11 ortho-Terphenyl (SURR)

R.T.: 11.175 min
Delta R.T.: -0.319 min
Response: 6862570
Conc: 44.93 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.054 min
Response: 6455937
Conc: 45.98 ug/ml



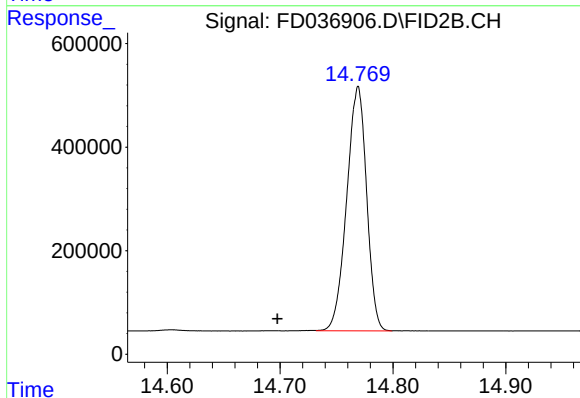
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: 0.089 min
Response: 3588329
Conc: 26.15 ug/ml m

Instrument :
FID_D
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SED-1AMS

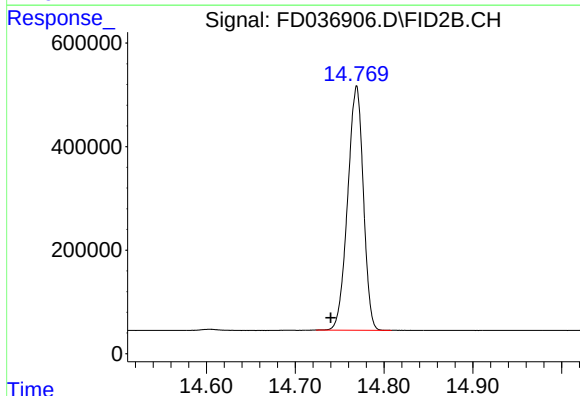
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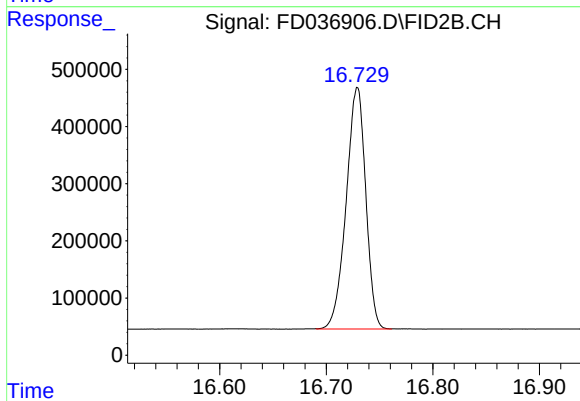
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.071 min
Response: 5788225
Conc: 48.74 ug/ml m



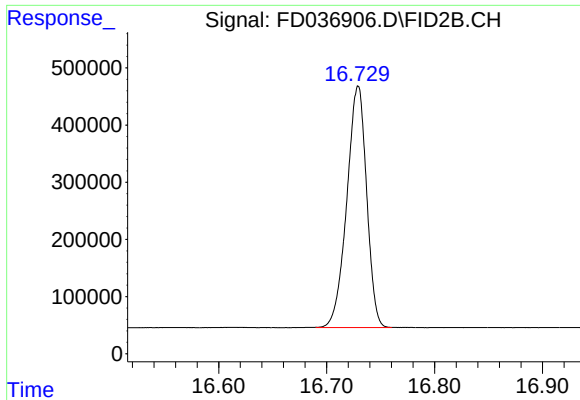
#15 Chrysene (C27.41)

R.T.: 14.769 min
Delta R.T.: 0.029 min
Response: 5782496
Conc: 47.82 ug/ml



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

R.T.: 16.729 min
Delta R.T.: 0.485 min
Response: 5397807
Conc: 49.19 ug/ml m



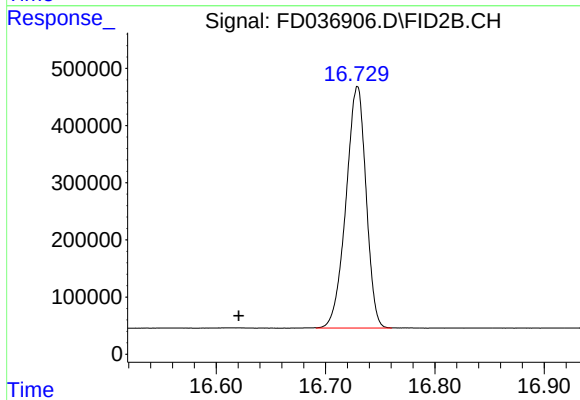
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.729 min
Delta R.T.: 0.453 min
Response: 5399279
Conc: 50.79 ug/ml m

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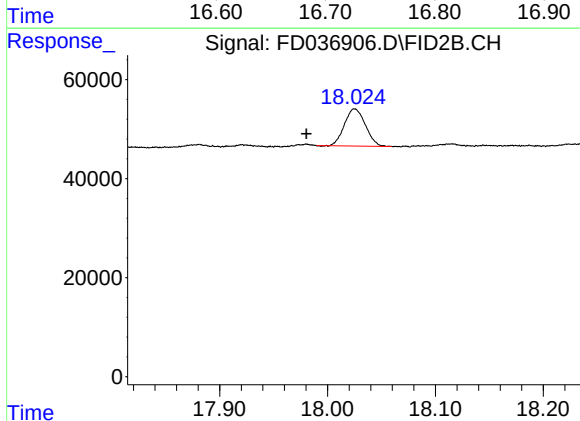
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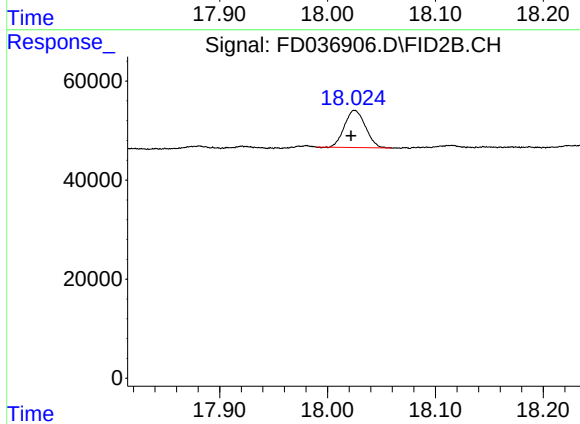
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: 0.108 min
Response: 5399445
Conc: 54.18 ug/ml m



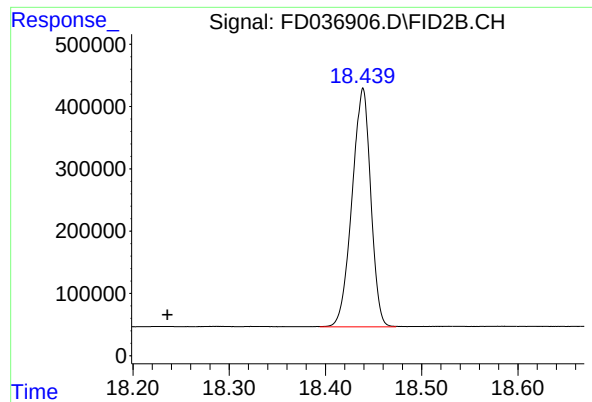
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: 0.045 min
Response: 101428
Conc: 1.01 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 101428
Conc: 1.01 ug/ml



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

R.T.: 18.439 min
Delta R.T.: 0.203 min
Response: 5163104
Conc: 50.96 ug/ml m

Instrument :
FID_D
ClientSampleId :
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