

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039911.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 10:33
 Operator : AJ\MA
 Sample : M5051-02
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 11:02:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 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...	6.915	5461525	38.414 ug/ml
Spiked Amount 50.000		Recovery =	76.83%
6) S 2-Fluorobiphenyl (SURR)	7.770	4987326	50.764 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.53%
11) S ortho-Terphenyl (SURR)	10.864	555803	3.651 ug/ml
Spiked Amount 50.000		Recovery =	7.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.774	33579	0.222 ug/ml
2) T Naphthalene (C11.7)	5.289	76525	0.476 ug/ml
3) T 2-Methylnaphthalene (...)	6.300	170676	1.050 ug/ml
5) T Acenaphthylene (C15.06)	7.571	143572	0.960 ug/ml
7) T Acenaphthene (C15.5)	7.913	83084	0.523 ug/ml
8) T Fluorene (C16.55)	8.721	59282	0.377 ug/ml
9) T Phenanthrene (C19.36)	10.107	685300	4.417 ug/ml
10) T Anthracene (C19.43)	10.107	685300	4.591 ug/ml
12) T Fluoranthene (C21.85)	11.847	4798418	31.371 ug/ml
13) T Pyrene (C20.8)	12.183	846928	5.682 ug/ml
14) T Benzo[a]anthracene (C...	14.048	1882576	13.953 ug/ml
15) T Chrysene (C27.41)	14.096	87727	0.624 ug/ml
16) T benzo[b]fluoranthene ...	15.584	859514	6.407 ug/ml
17) T Bnezo[k]fluoranthene ...	15.584	859514	6.353 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.933	1657238	12.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.343	276443	2.257 ug/ml
20) T Dibenz[a,h]anthracene...	17.380	137008	1.117 ug/ml
21) T Benzo[g,h,i]perylene ...	17.580	34804	0.279 ug/ml

(f)=RT Delta > 1/2 Window

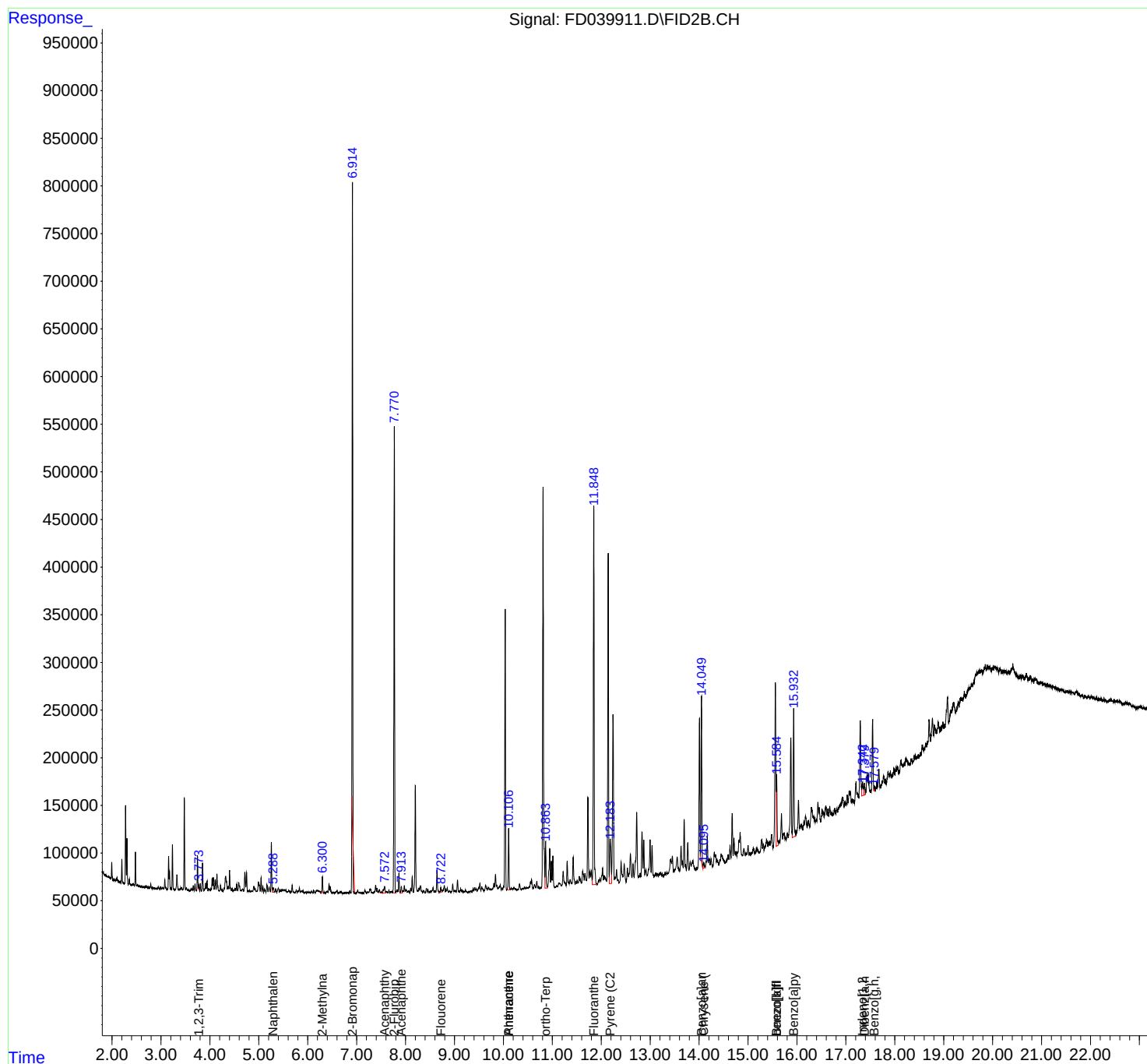
(m)=manual int.

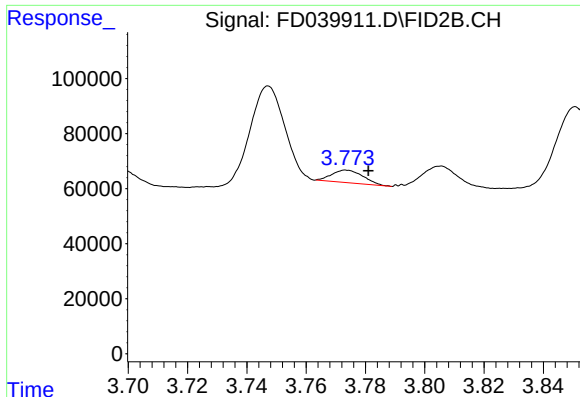
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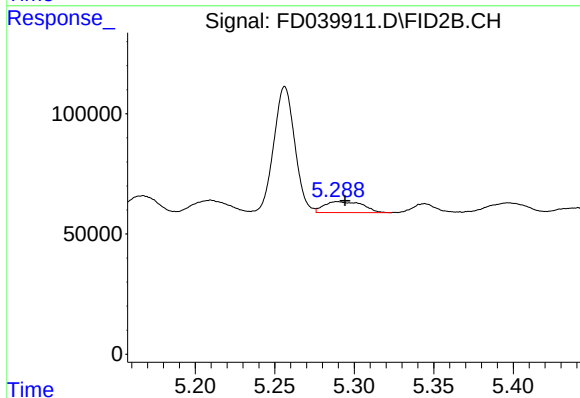




#1 1,2,3-Trimethylbenzene (C10.1)

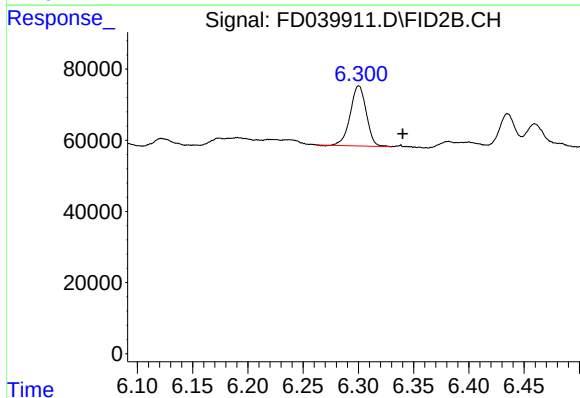
R.T.: 3.774 min
Delta R.T.: -0.007 min
Response: 33579
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



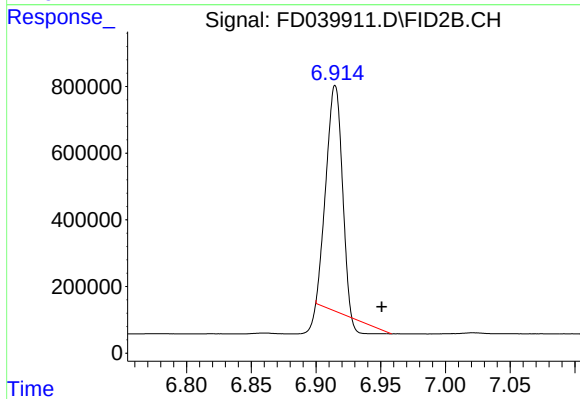
#2 Naphthalene (C11.7)

R.T.: 5.289 min
Delta R.T.: -0.005 min
Response: 76525
Conc: 0.48 ug/ml



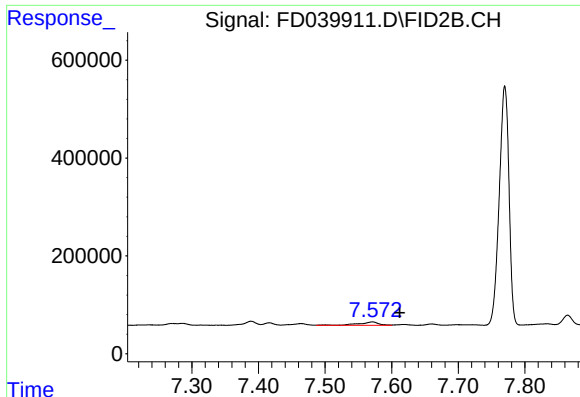
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.300 min
Delta R.T.: -0.040 min
Response: 170676
Conc: 1.05 ug/ml



#4 2-Bromonaphthalene (SURR)

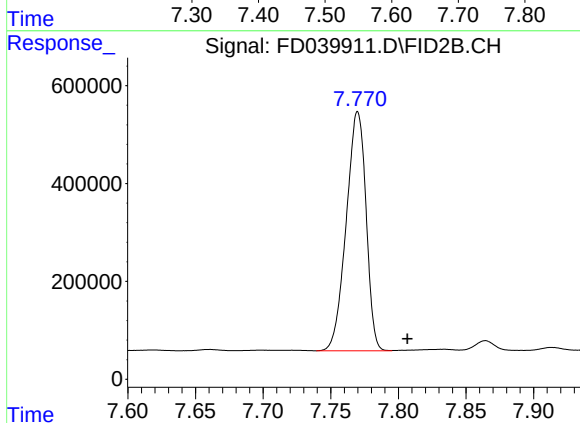
R.T.: 6.915 min
Delta R.T.: -0.036 min
Response: 5461525
Conc: 38.41 ug/ml



#5 Acenaphthylene (C15.06)

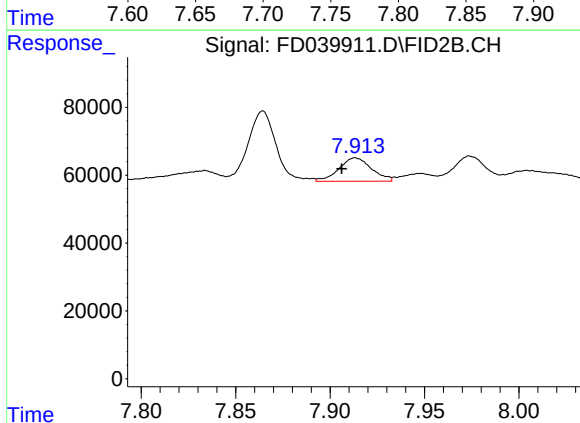
R.T.: 7.571 min
Delta R.T.: -0.041 min
Response: 143572
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



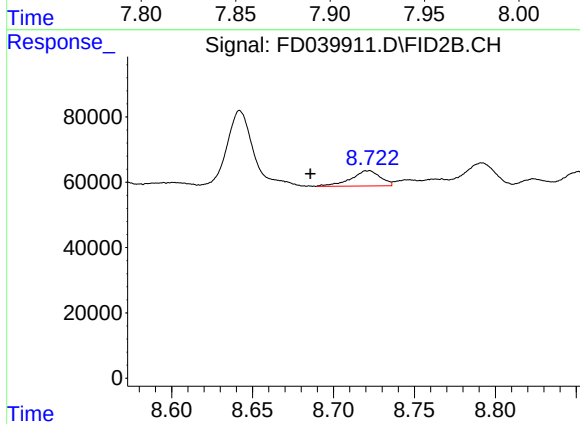
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.770 min
Delta R.T.: -0.037 min
Response: 4987326
Conc: 50.76 ug/ml



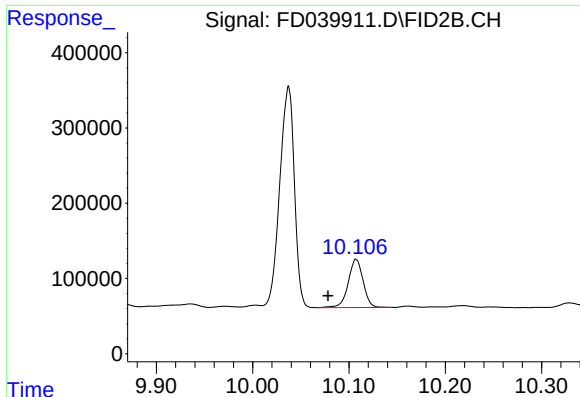
#7 Acenaphthene (C15.5)

R.T.: 7.913 min
Delta R.T.: 0.007 min
Response: 83084
Conc: 0.52 ug/ml



#8 Flouorene (C16.55)

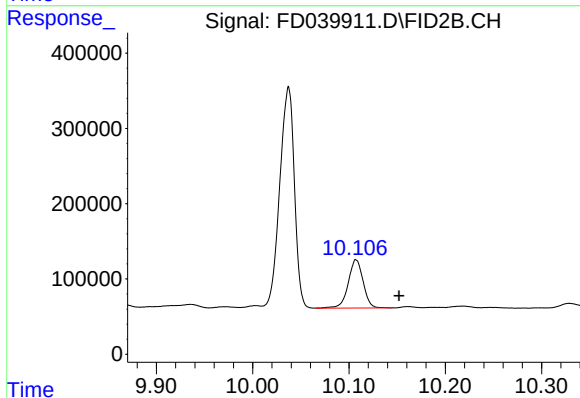
R.T.: 8.721 min
Delta R.T.: 0.036 min
Response: 59282
Conc: 0.38 ug/ml



#9 Phenanthrene (C19.36)

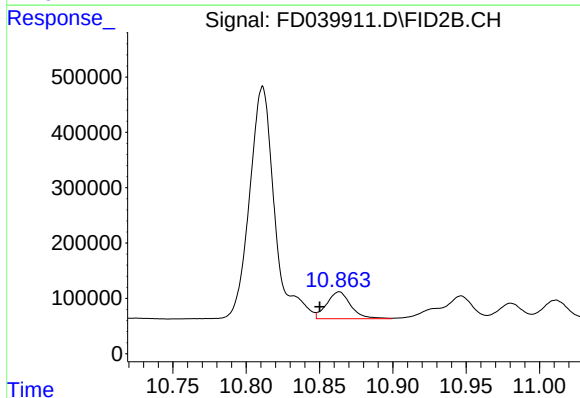
R.T.: 10.107 min
Delta R.T.: 0.029 min
Response: 685300
Conc: 4.42 ug/ml

Instrument :
FID_D
ClientSampleId :



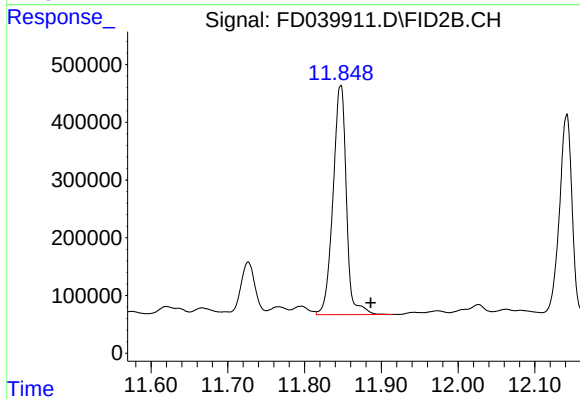
#10 Anthracene (C19.43)

R.T.: 10.107 min
Delta R.T.: -0.045 min
Response: 685300
Conc: 4.59 ug/ml



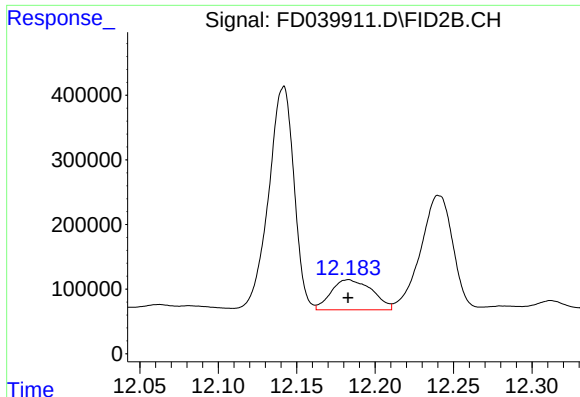
#11 ortho-Terphenyl (SURR)

R.T.: 10.864 min
Delta R.T.: 0.013 min
Response: 555803
Conc: 3.65 ug/ml



#12 Fluoranthene (C21.85)

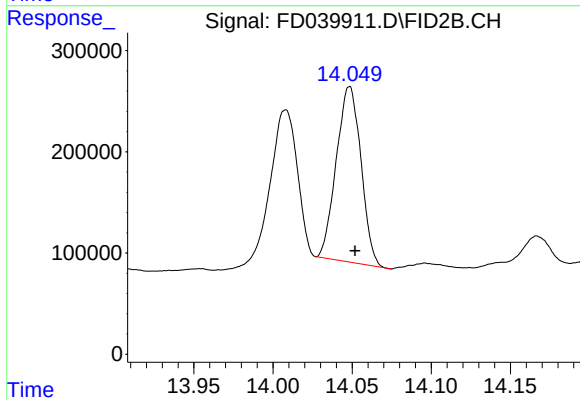
R.T.: 11.847 min
Delta R.T.: -0.039 min
Response: 4798418
Conc: 31.37 ug/ml



#13 Pyrene (C20.8)

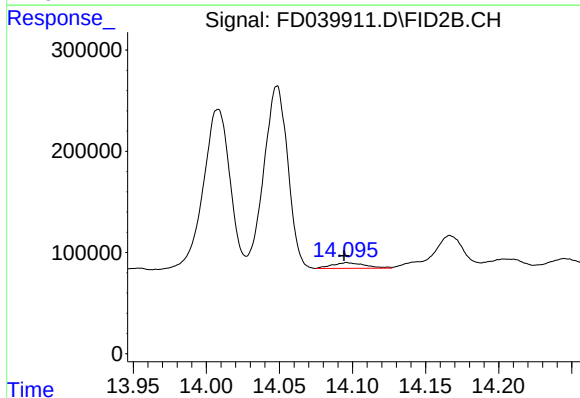
R.T.: 12.183 min
Delta R.T.: 0.000 min
Response: 846928
Conc: 5.68 ug/ml

Instrument :
FID_D
ClientSampleId :



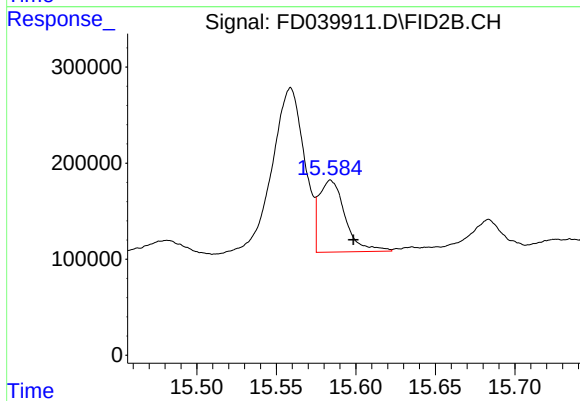
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.048 min
Delta R.T.: -0.003 min
Response: 1882576
Conc: 13.95 ug/ml



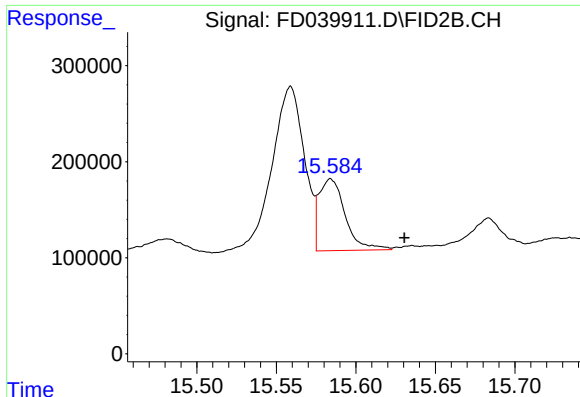
#15 Chrysene (C27.41)

R.T.: 14.096 min
Delta R.T.: 0.002 min
Response: 87727
Conc: 0.62 ug/ml



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

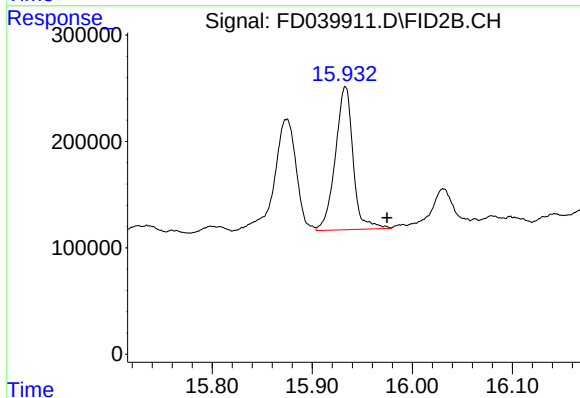
R.T.: 15.584 min
Delta R.T.: -0.014 min
Response: 859514
Conc: 6.41 ug/ml



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

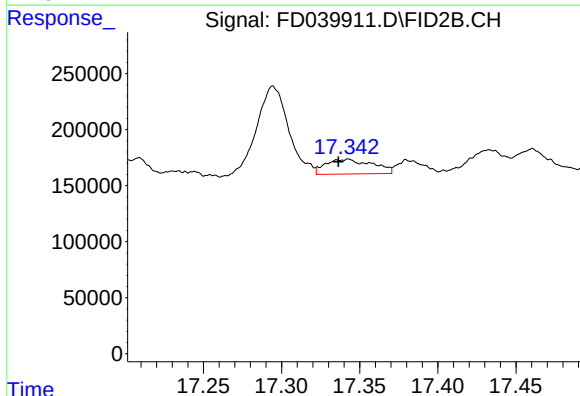
R.T.: 15.584 min
Delta R.T.: -0.046 min
Response: 859514
Conc: 6.35 ug/ml

Instrument :
FID_D
ClientSampleId :



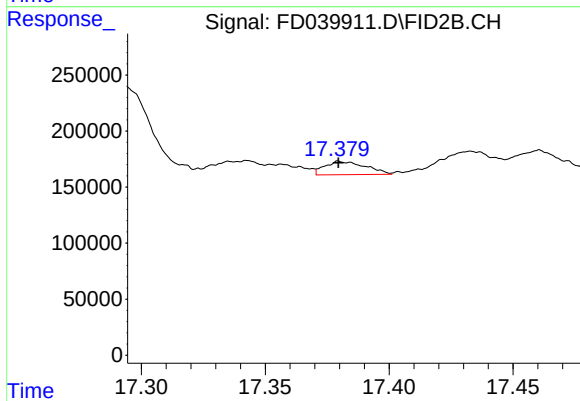
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.933 min
Delta R.T.: -0.042 min
Response: 1657238
Conc: 12.78 ug/ml



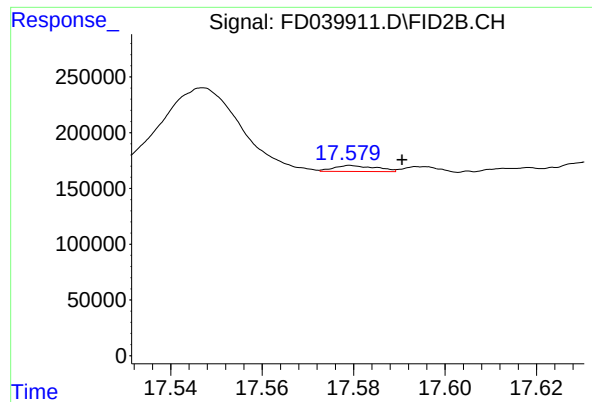
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.343 min
Delta R.T.: 0.006 min
Response: 276443
Conc: 2.26 ug/ml



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

R.T.: 17.380 min
Delta R.T.: 0.000 min
Response: 137008
Conc: 1.12 ug/ml



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

R.T.: 17.580 min
Delta R.T.: -0.011 min
Response: 34804
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :