

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039909.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 9:26
 Operator : AJ\MA
 Sample : M5051-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:32:39 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			
6) S 2-Fluorobiphenyl (SURR)	7.771	4599351	46.815 ug/ml
Spiked Amount 50.000 Range	0 - 131	Recovery =	93.63%
11) S ortho-Terphenyl (SURR)	10.865	896446	5.889 ug/ml
Spiked Amount 50.000		Recovery =	11.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.806	61436	0.406 ug/ml
2) T Naphthalene (C11.7)	5.304	364498	2.268 ug/ml
3) T 2-Methylnaphthalene (...)	6.303	1095691	6.743 ug/ml
5) T Acenaphthylene (C15.06)	7.662	66854	0.447 ug/ml
7) T Acenaphthene (C15.5)	7.915	193123	1.215 ug/ml
8) T Flouorene (C16.55)	8.721	325247	2.067 ug/ml
9) T Phenanthrene (C19.36)	10.087	161372	1.040 ug/ml
10) T Anthracene (C19.43)	10.163	136051	0.911 ug/ml
12) T Fluoranthene (C21.85)	11.848	3491796	22.829 ug/ml
13) T Pyrene (C20.8)	12.180	445783	2.991 ug/ml
14) T Benzo[a]anthracene (C...	14.048	706199	5.234 ug/ml
15) T Chrysene (C27.41)	14.092	767402	5.457 ug/ml
16) T benzo[b]fluoranthene ...	15.585	988274	7.367 ug/ml
17) T Bnezo[k]fluoranthene ...	15.585	988274	7.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.925	468945	3.617 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.362	211735	1.729 ug/ml
20) T Dibenz[a,h]anthracene...	17.362	211735	1.727 ug/ml

(f)=RT Delta > 1/2 Window

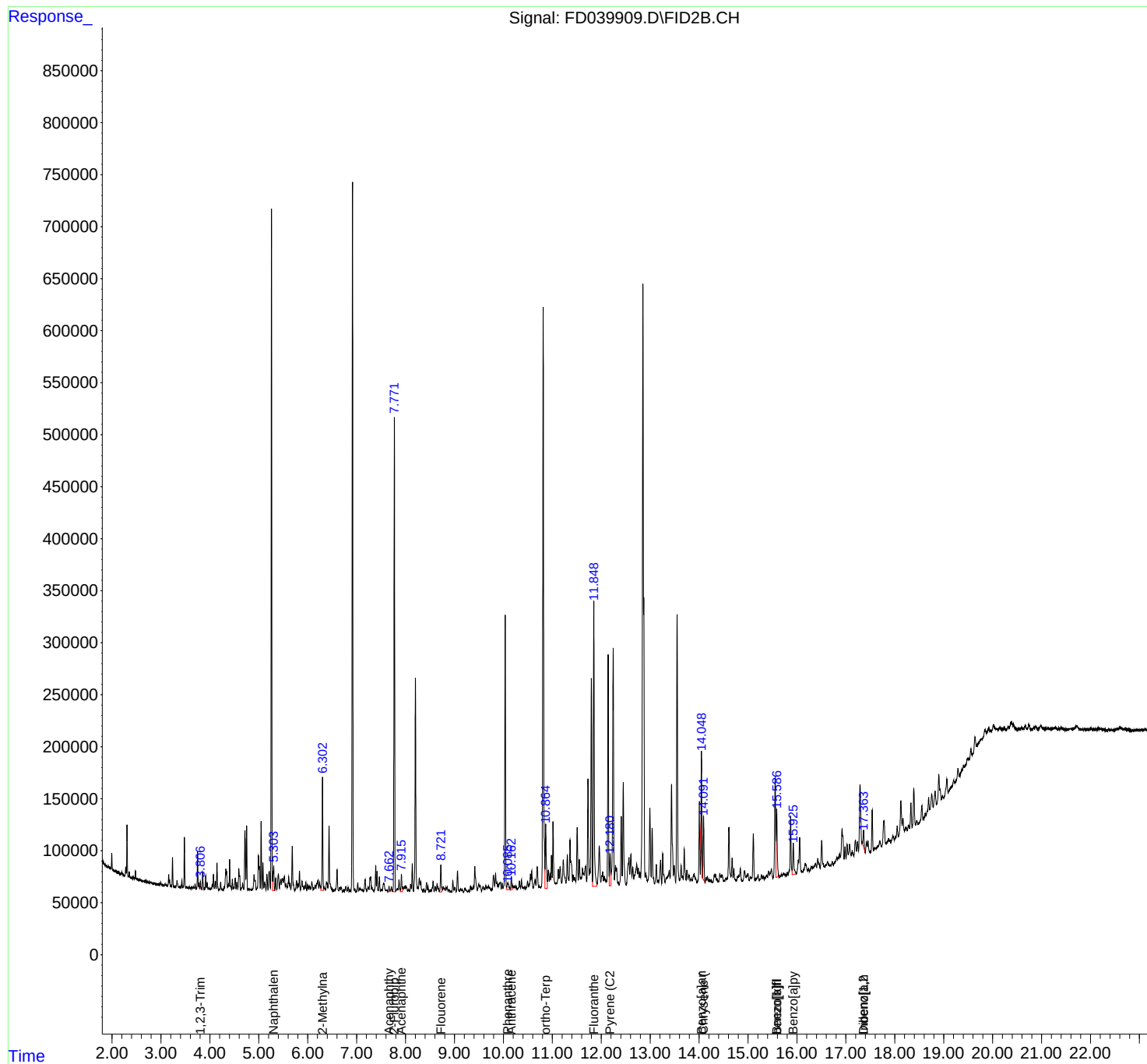
(m)=manual int.

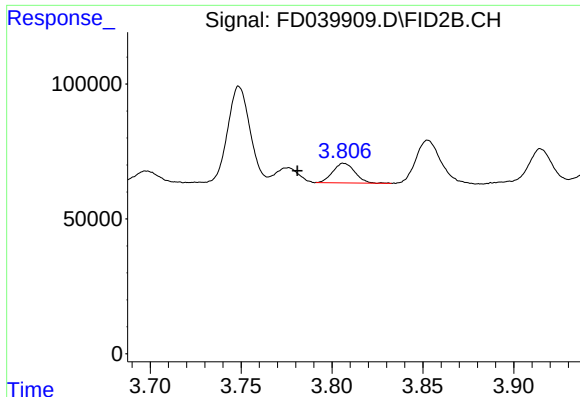
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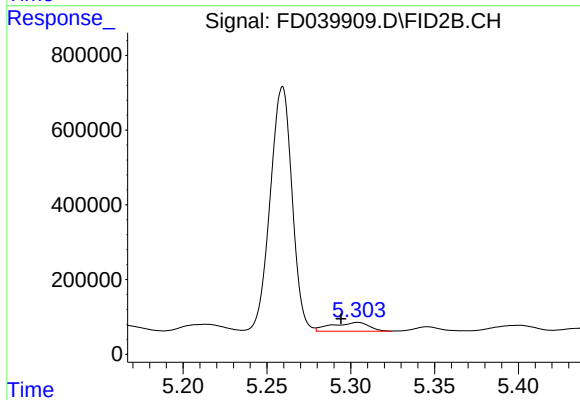




#1 1,2,3-Trimethylbenzene (C10.1)

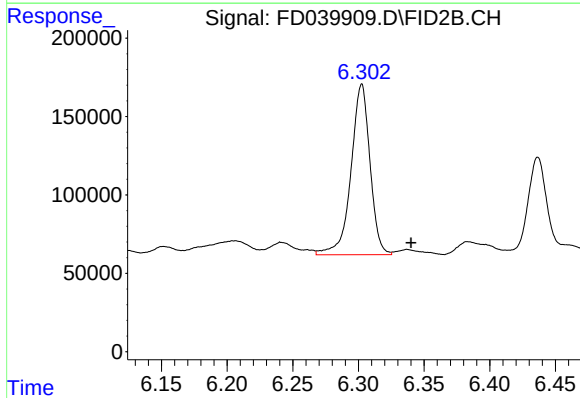
R.T.: 3.806 min
Delta R.T.: 0.025 min
Response: 61436
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



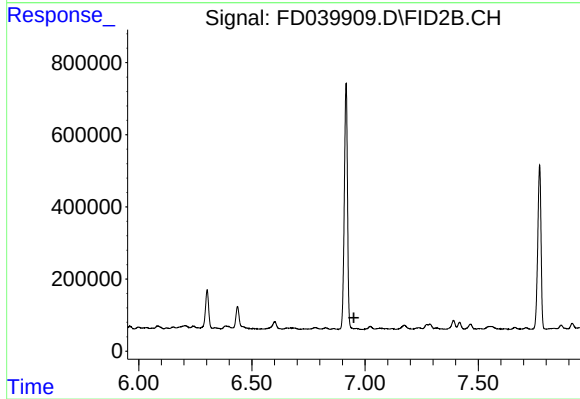
#2 Naphthalene (C11.7)

R.T.: 5.304 min
Delta R.T.: 0.010 min
Response: 364498
Conc: 2.27 ug/ml



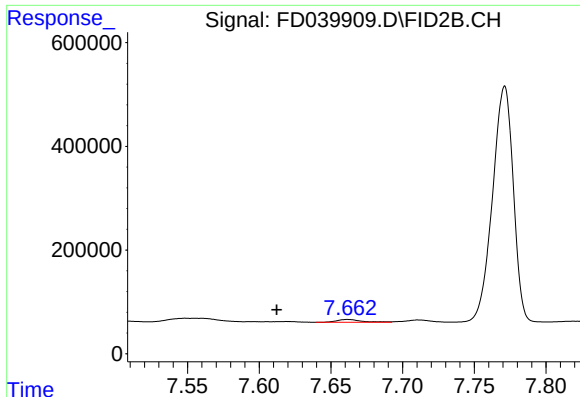
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.303 min
Delta R.T.: -0.038 min
Response: 1095691
Conc: 6.74 ug/ml



#4 2-Bromonaphthalene (SURR)

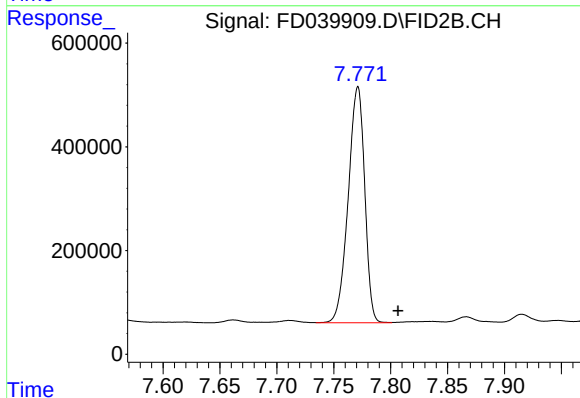
R.T.: 6.916 min
Delta R.T.: -0.035 min
Response: -1662094
Conc: N.D.



#5 Acenaphthylene (C15.06)

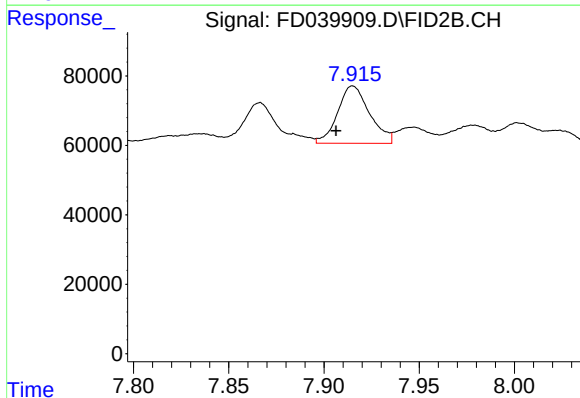
R.T.: 7.662 min
Delta R.T.: 0.050 min
Response: 66854
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



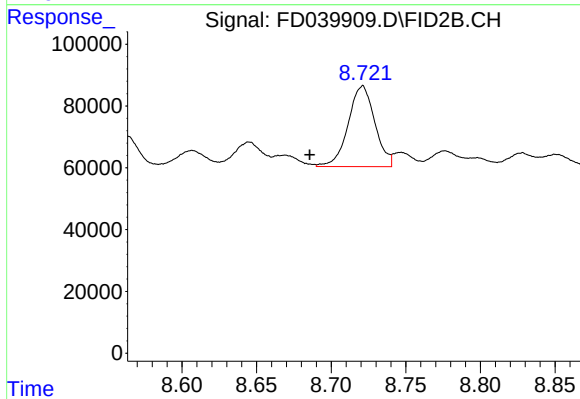
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.771 min
Delta R.T.: -0.035 min
Response: 4599351
Conc: 46.82 ug/ml



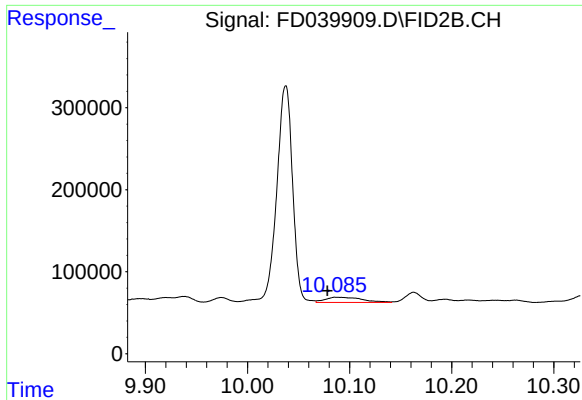
#7 Acenaphthene (C15.5)

R.T.: 7.915 min
Delta R.T.: 0.009 min
Response: 193123
Conc: 1.22 ug/ml



#8 Fluorene (C16.55)

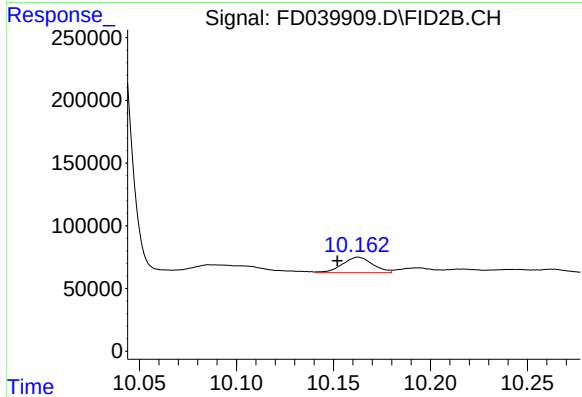
R.T.: 8.721 min
Delta R.T.: 0.035 min
Response: 325247
Conc: 2.07 ug/ml



#9 Phenanthrene (C19.36)

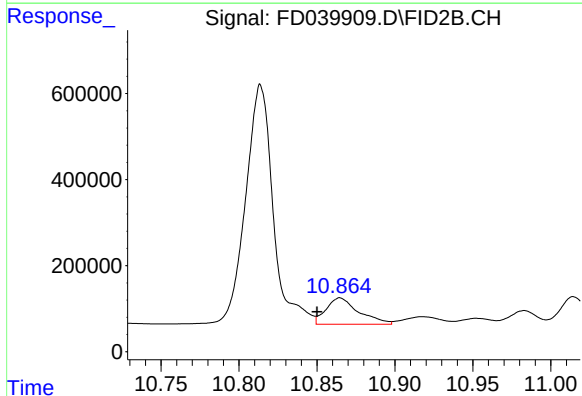
R.T.: 10.087 min
Delta R.T.: 0.008 min
Response: 161372
Conc: 1.04 ug/ml

Instrument :
FID_D
ClientSampleId :



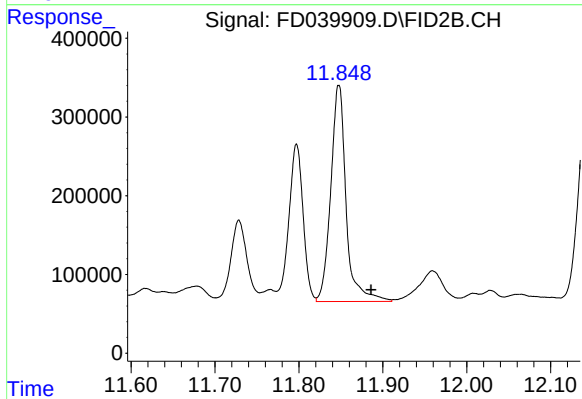
#10 Anthracene (C19.43)

R.T.: 10.163 min
Delta R.T.: 0.011 min
Response: 136051
Conc: 0.91 ug/ml



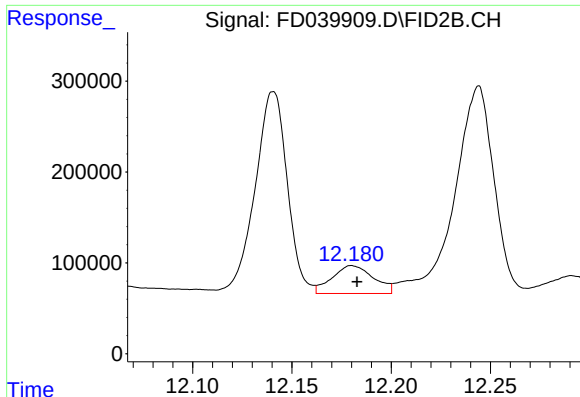
#11 ortho-Terphenyl (SURR)

R.T.: 10.865 min
Delta R.T.: 0.015 min
Response: 896446
Conc: 5.89 ug/ml



#12 Fluoranthene (C21.85)

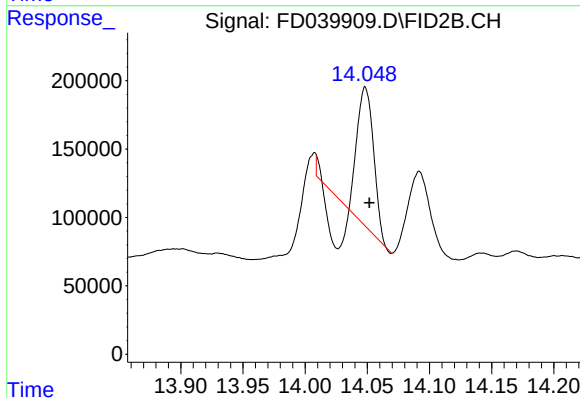
R.T.: 11.848 min
Delta R.T.: -0.039 min
Response: 3491796
Conc: 22.83 ug/ml



#13 Pyrene (C20.8)

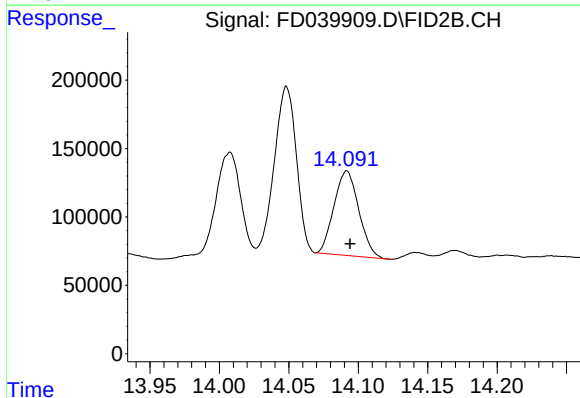
R.T.: 12.180 min
Delta R.T.: -0.002 min
Response: 445783
Conc: 2.99 ug/ml

Instrument :
FID_D
ClientSampleId :



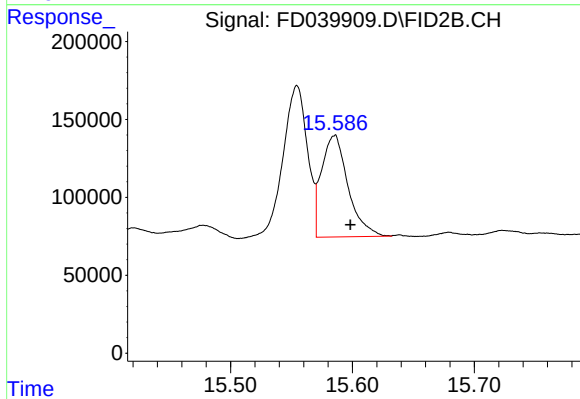
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.048 min
Delta R.T.: -0.003 min
Response: 706199
Conc: 5.23 ug/ml



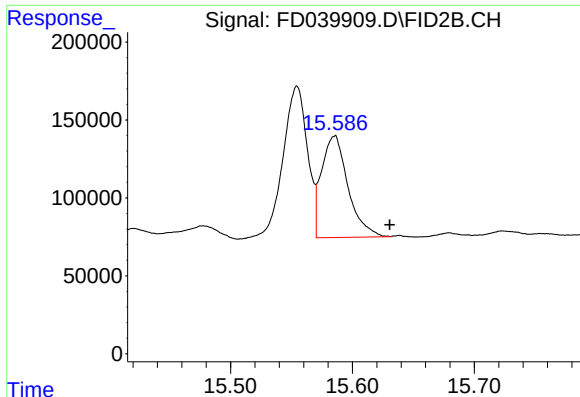
#15 Chrysene (C27.41)

R.T.: 14.092 min
Delta R.T.: -0.002 min
Response: 767402
Conc: 5.46 ug/ml



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

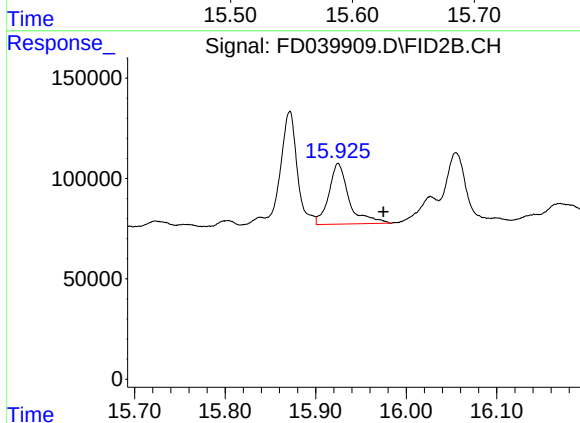
R.T.: 15.585 min
Delta R.T.: -0.013 min
Response: 988274
Conc: 7.37 ug/ml



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

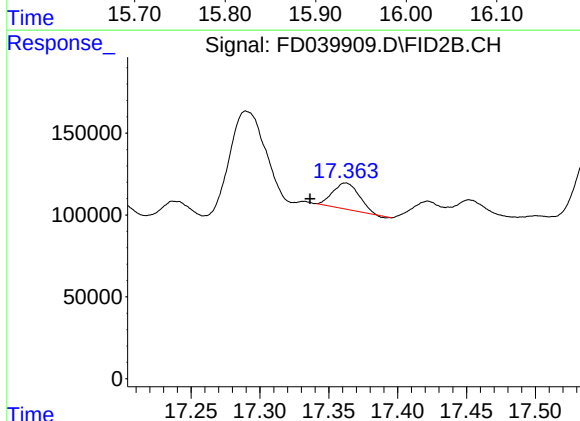
R.T.: 15.585 min
Delta R.T.: -0.045 min
Response: 988274
Conc: 7.30 ug/ml

Instrument :
FID_D
ClientSampleId :



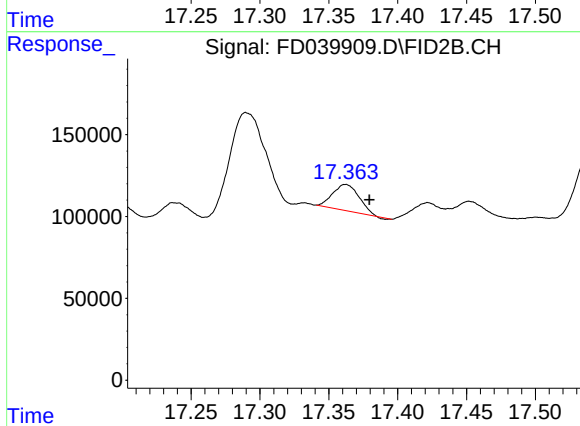
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.925 min
Delta R.T.: -0.050 min
Response: 468945
Conc: 3.62 ug/ml



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

R.T.: 17.362 min
Delta R.T.: 0.026 min
Response: 211735
Conc: 1.73 ug/ml



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

R.T.: 17.362 min
Delta R.T.: -0.017 min
Response: 211735
Conc: 1.73 ug/ml