

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121621AR\  
 Data File : FD039948.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Dec 2021 9:53  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 16 10:20:46 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.886f	2614939	18.392 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
6) S 2-Fluorobiphenyl (SURR)	7.739f	1772469	18.041 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.08%
11) S ortho-Terphenyl (SURR)	10.781f	2705293	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.725f	2827116	18.668 ug/mlm
2) T Naphthalene (C11.7)	5.231f	2961055	18.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.275f	2973499	18.300 ug/ml
5) T Acenaphthylene (C15.06)	7.544f	2702337	18.064 ug/ml
7) T Acenaphthene (C15.5)	7.839f	2869537	18.060 ug/ml
8) T Flouorene (C16.55)	8.617f	2824213	17.950 ug/ml
9) T Phenanthrene (C19.36)	10.008f	2760342	17.790 ug/mlm
10) T Anthracene (C19.43)	10.008f	2741272	18.366 ug/mlm
12) T Fluoranthene (C21.85)	11.814f	2668318	17.445 ug/mlm
13) T Pyrene (C20.8)	12.109f	2581919	17.321 ug/mlm
14) T Benzo[a]anthracene (C...	13.979f	2361920	17.505 ug/mlm
15) T Chrysene (C27.41)	14.020f	2500175	17.780 ug/mlm
16) T benzo[b]fluoranthene ...	15.524f	2408971	17.957 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.557f	2481546	18.341 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.900f	2339718	18.045 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.263f	2260936	18.460 ug/mlm
20) T Dibenz[a,h]anthracene...	17.304f	2249888	18.349 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.515f	2343243	18.758 ug/mlm
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(f)=RT Delta > 1/2 Window

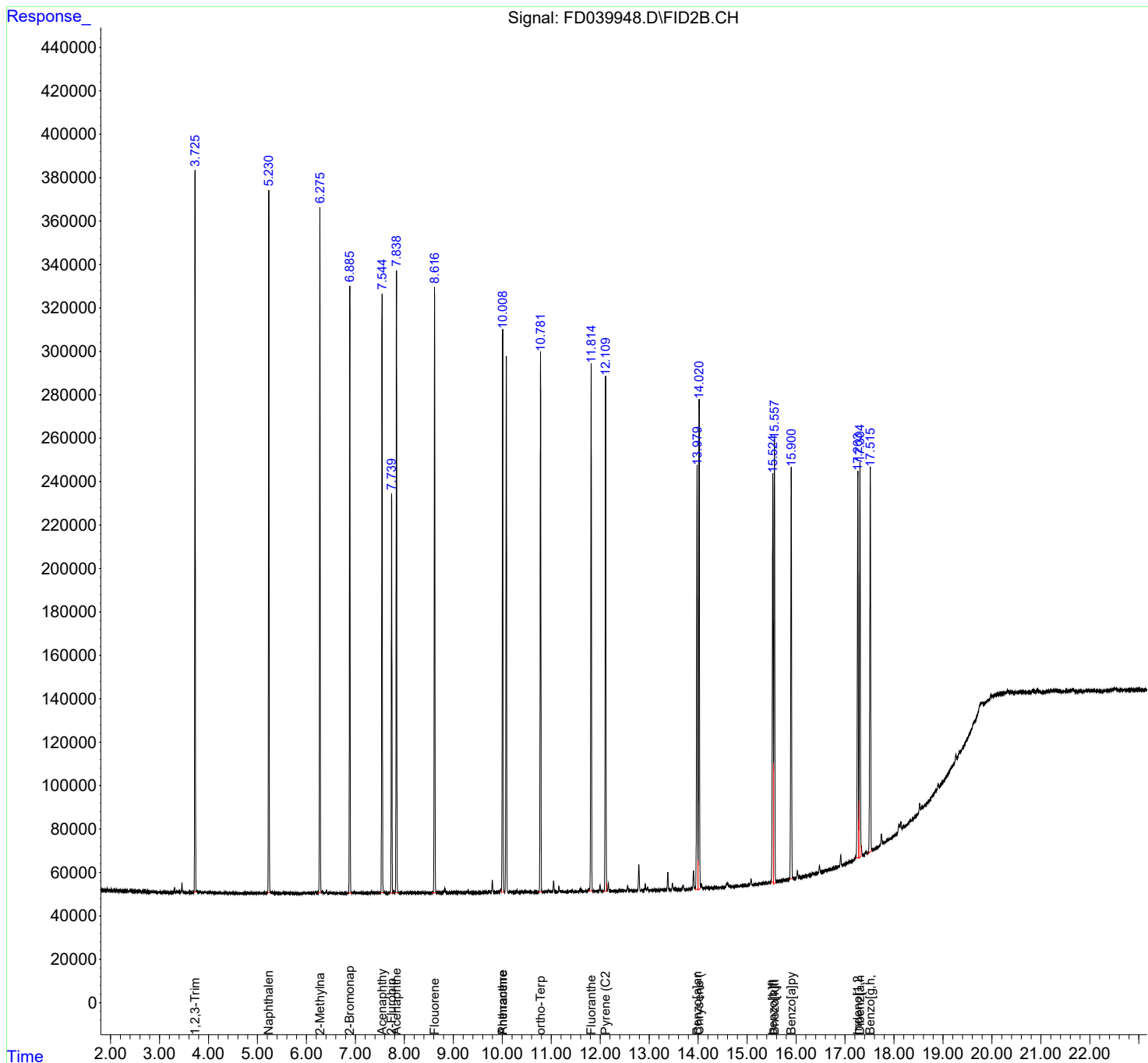
(m)=manual int.

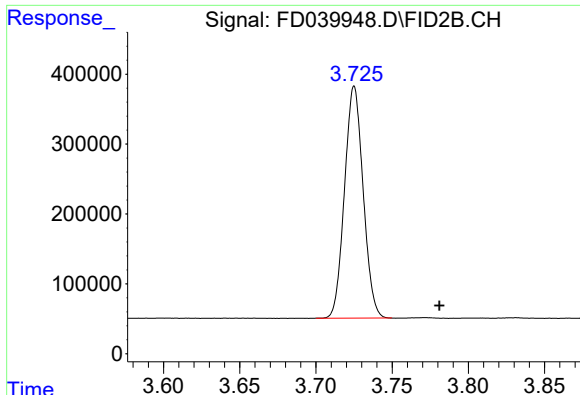
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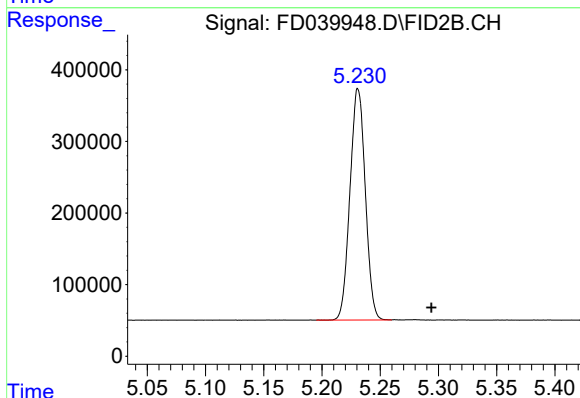




#1 1,2,3-Trimethylbenzene (C10.1)

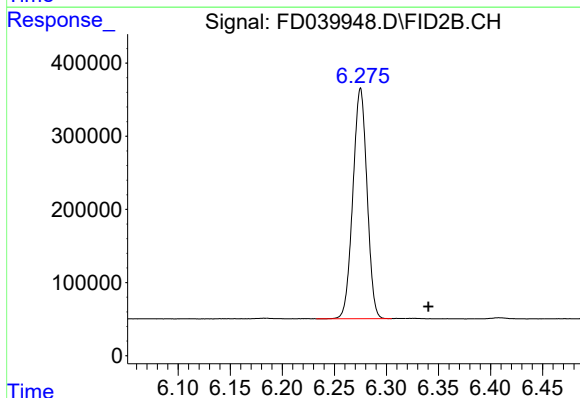
R.T.: 3.725 min  
Delta R.T.: -0.056 min  
Response: 2827116  
Conc: 18.67 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



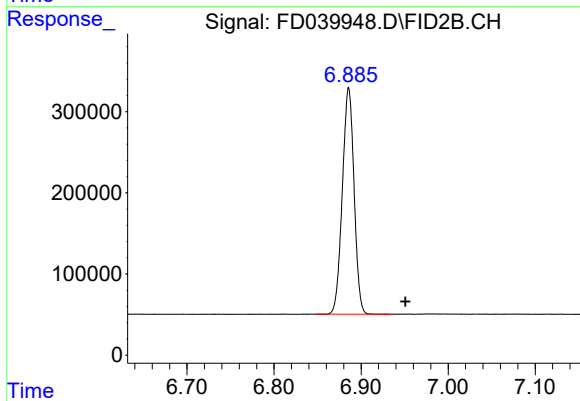
#2 Naphthalene (C11.7)

R.T.: 5.231 min  
Delta R.T.: -0.063 min  
Response: 2961055  
Conc: 18.42 ug/ml



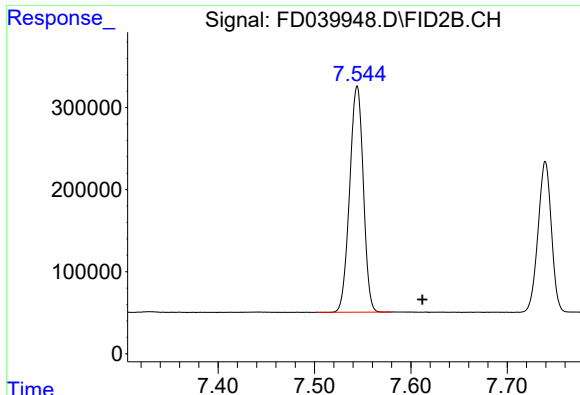
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.275 min  
Delta R.T.: -0.065 min  
Response: 2973499  
Conc: 18.30 ug/ml



#4 2-Bromonaphthalene (SURR)

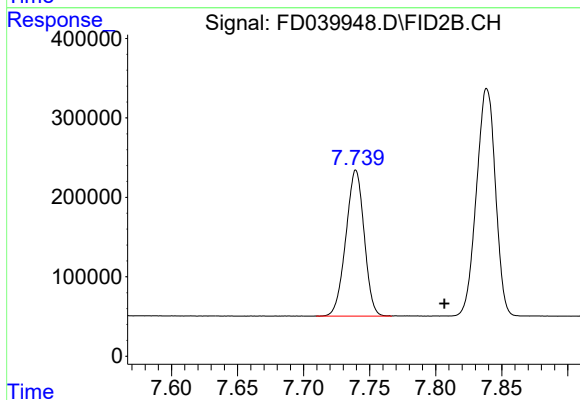
R.T.: 6.886 min  
Delta R.T.: -0.065 min  
Response: 2614939  
Conc: 18.39 ug/ml



#5 Acenaphthylene (C15.06)

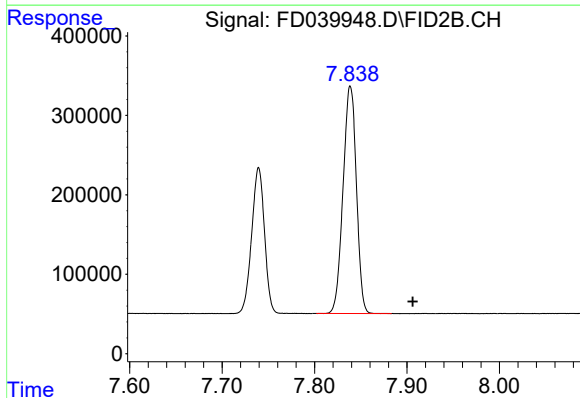
R.T.: 7.544 min  
 Delta R.T.: -0.068 min  
 Response: 2702337  
 Conc: 18.06 ug/ml

Instrument :  
 FID\_B  
 ClientSampleId :



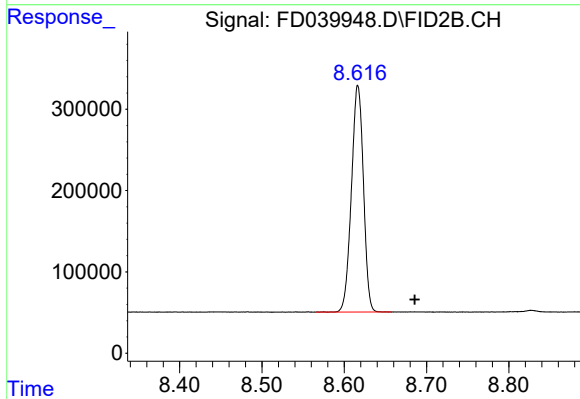
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.739 min  
 Delta R.T.: -0.068 min  
 Response: 1772469  
 Conc: 18.04 ug/ml m



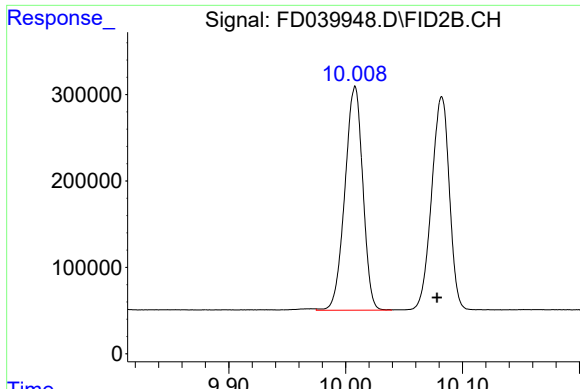
#7 Acenaphthene (C15.5)

R.T.: 7.839 min  
 Delta R.T.: -0.068 min  
 Response: 2869537  
 Conc: 18.06 ug/ml



#8 Fluorene (C16.55)

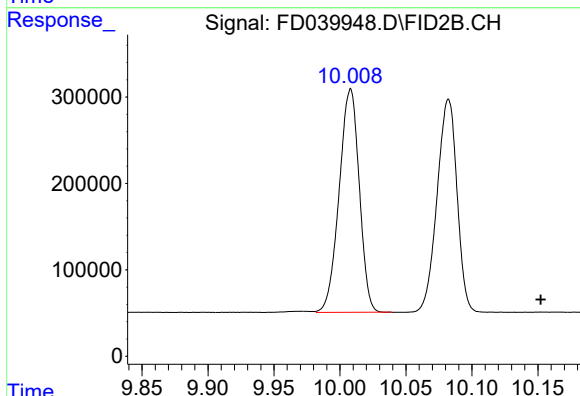
R.T.: 8.617 min  
 Delta R.T.: -0.069 min  
 Response: 2824213  
 Conc: 17.95 ug/ml



#9 Phenanthrene (C19.36)

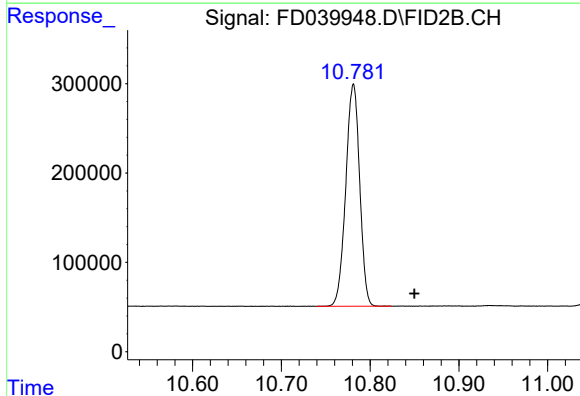
R.T.: 10.008 min  
 Delta R.T.: -0.070 min  
 Response: 2760342  
 Conc: 17.79 ug/ml

Instrument :  
 FID\_B  
 ClientSampleId :



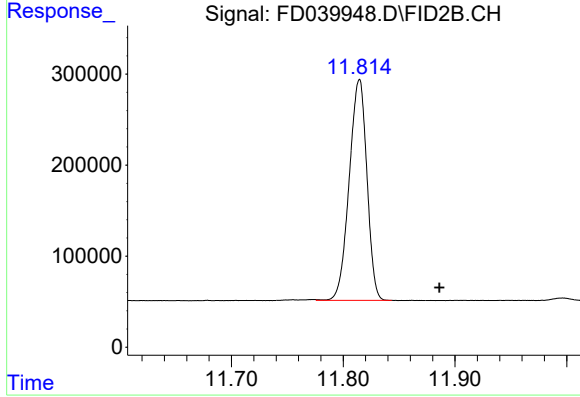
#10 Anthracene (C19.43)

R.T.: 10.008 min  
 Delta R.T.: -0.144 min  
 Response: 2741272  
 Conc: 18.37 ug/ml m



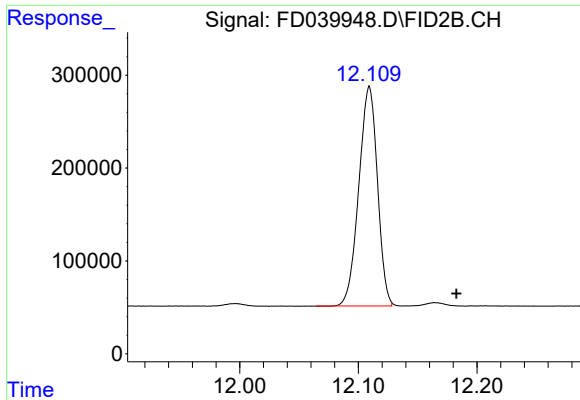
#11 ortho-Terphenyl (SURR)

R.T.: 10.781 min  
 Delta R.T.: -0.069 min  
 Response: 2705293  
 Conc: 17.77 ug/ml



#12 Fluoranthene (C21.85)

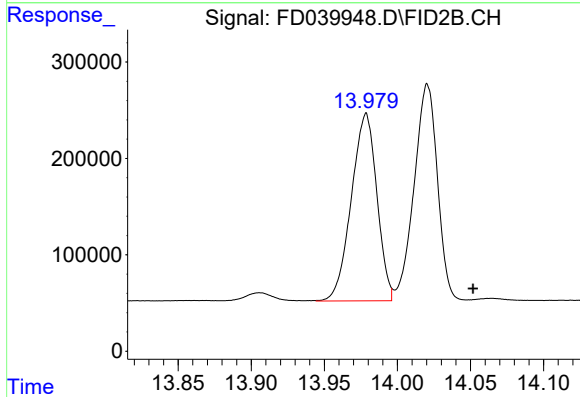
R.T.: 11.814 min  
 Delta R.T.: -0.072 min  
 Response: 2668318  
 Conc: 17.45 ug/ml m



#13 Pyrene (C20.8)

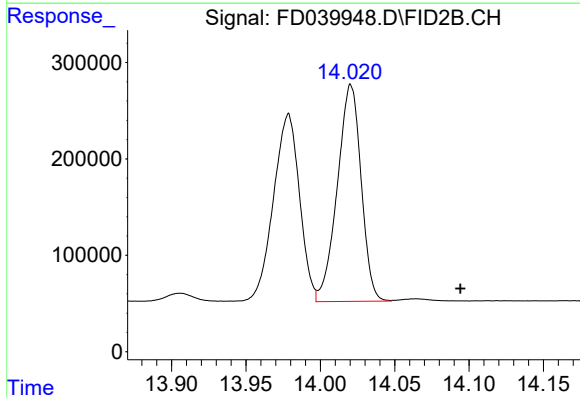
R.T.: 12.109 min  
 Delta R.T.: -0.074 min  
 Response: 2581919  
 Conc: 17.32 ug/ml

Instrument :  
 FID\_B  
 ClientSampleId :



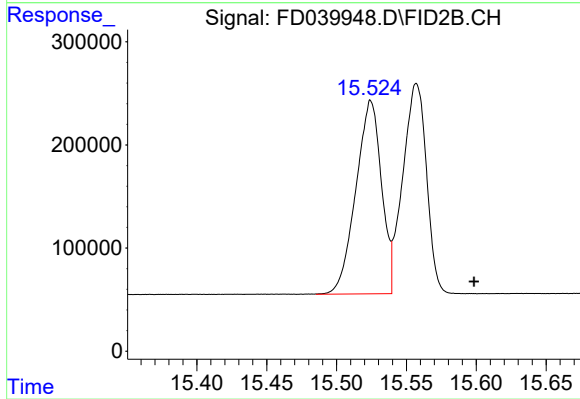
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.979 min  
 Delta R.T.: -0.073 min  
 Response: 2361920  
 Conc: 17.51 ug/ml m



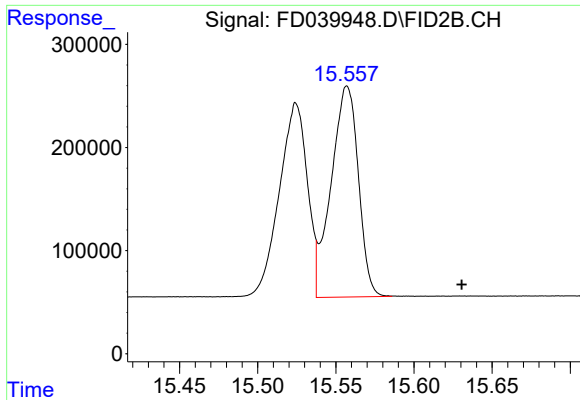
#15 Chrysene (C27.41)

R.T.: 14.020 min  
 Delta R.T.: -0.074 min  
 Response: 2500175  
 Conc: 17.78 ug/ml m



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

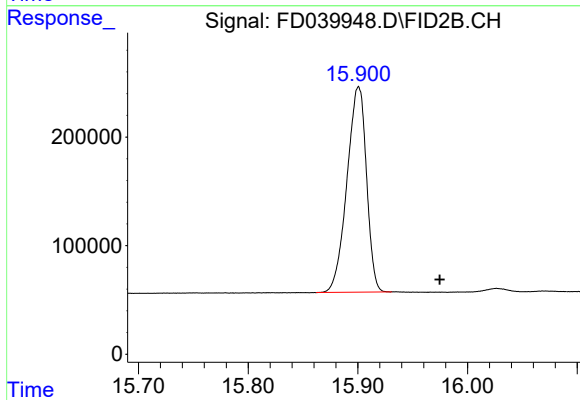
R.T.: 15.524 min  
 Delta R.T.: -0.075 min  
 Response: 2408971  
 Conc: 17.96 ug/ml m



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

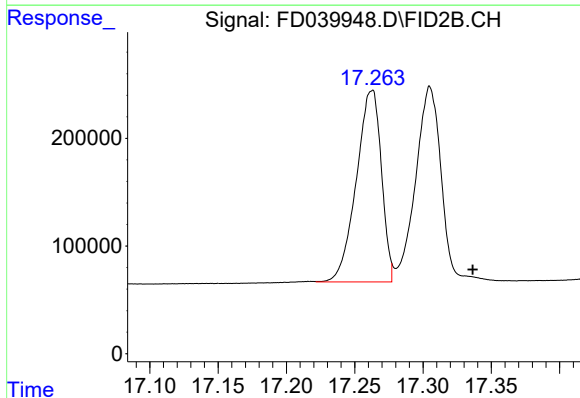
R.T.: 15.557 min  
Delta R.T.: -0.074 min  
Response: 2481546  
Conc: 18.34 ug/ml

Instrument :  
FID\_B  
ClientSampleId :



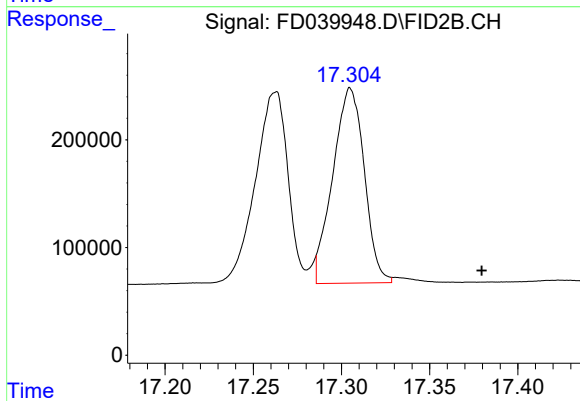
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.900 min  
Delta R.T.: -0.074 min  
Response: 2339718  
Conc: 18.05 ug/ml m



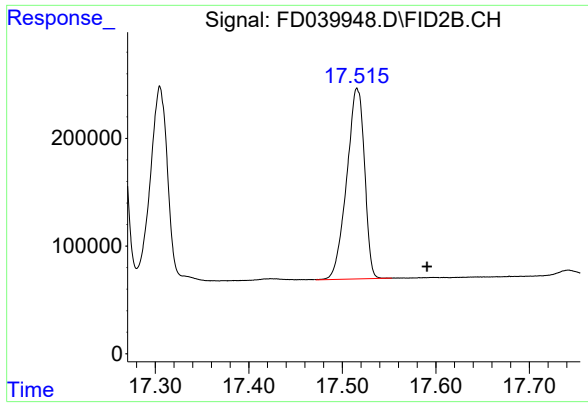
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.263 min  
Delta R.T.: -0.073 min  
Response: 2260936  
Conc: 18.46 ug/ml m



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

R.T.: 17.304 min  
Delta R.T.: -0.075 min  
Response: 2249888  
Conc: 18.35 ug/ml m



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

R.T.: 17.515 min

Delta R.T.: -0.075 min

Response: 2343243

Conc: 18.76 ug/ml

Instrument :

FID\_B

ClientSampleId :