

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041697.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2022 18:45
 Operator : UA/NP
 Sample : PB143566BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143566BSD

Integration File: autoint1.e
 Quant Time: Mar 25 02:58:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 2022
 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...	7.350	7277405	45.373 ug/ml
Spiked Amount 50.000		Recovery =	90.75%
6) S 2-Fluorobiphenyl (SURR)	8.199	4726773	47.834 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.67%
11) S ortho-Terphenyl (SURR)	11.231	7893436	40.605 ug/ml
Spiked Amount 50.000		Recovery =	81.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	5301375	30.267 ug/ml
2) T Naphthalene (C11.7)	5.692	5871423	33.278 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	5925563	37.037 ug/ml
5) T Acenaphthylene (C15.06)	8.001	6150017	33.233 ug/ml
7) T Acenaphthene (C15.5)	8.296	6612645	34.446 ug/ml
8) T Flouorene (C16.55)	9.073	6704300	38.002 ug/ml
9) T Phenanthrene (C19.36)	10.461	6990598	40.077 ug/ml
10) T Anthracene (C19.43)	10.536	7139883	39.227 ug/ml
12) T Fluoranthene (C21.85)	12.264	7123037	40.348 ug/ml
13) T Pyrene (C20.8)	12.556	6854401	40.542 ug/ml
14) T Benzo[a]anthracene (C...	14.427	5918459	39.581 ug/ml
15) T Chrysene (C27.41)	14.469	5798149	32.213 ug/ml
16) T benzo[b]fluoranthene ...	15.974	5497334	37.071 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	5863626	35.486 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.349	4974068	35.363 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	4815759	43.723 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	5499540	37.987 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	5550272	41.820 ug/ml

(f)=RT Delta > 1/2 Window

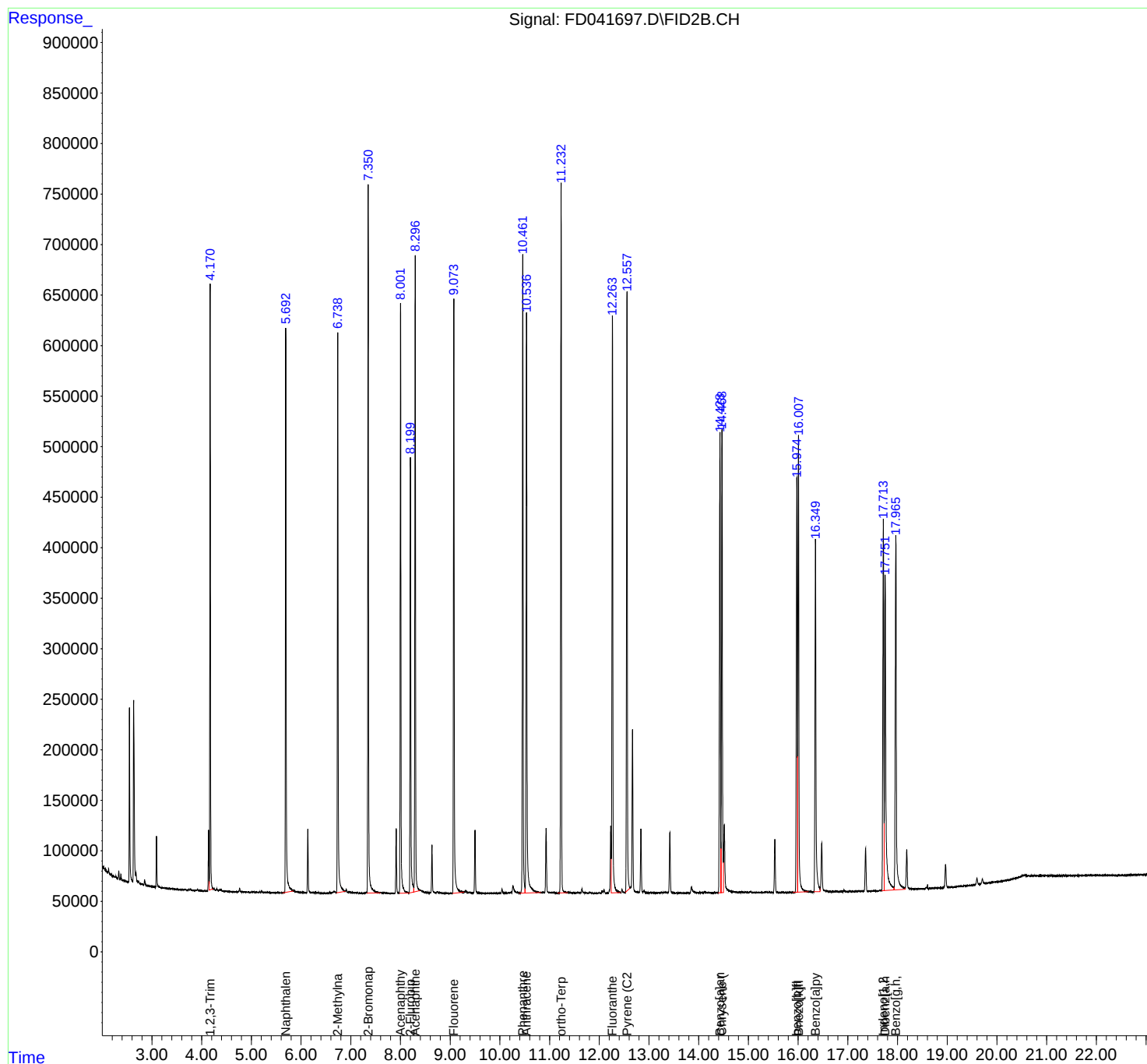
(m)=manual int.

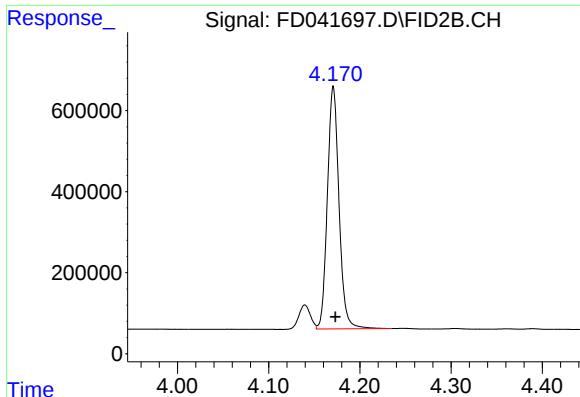
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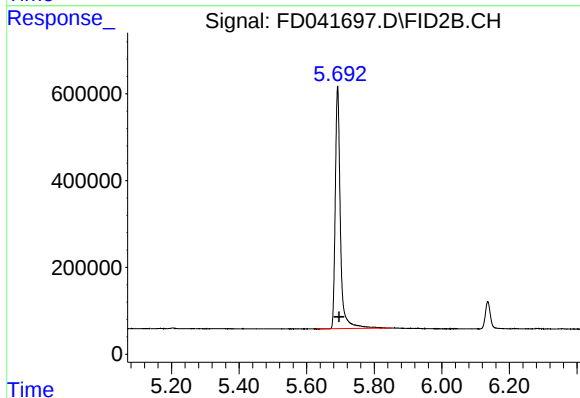




#1 1,2,3-Trimethylbenzene (C10.1)

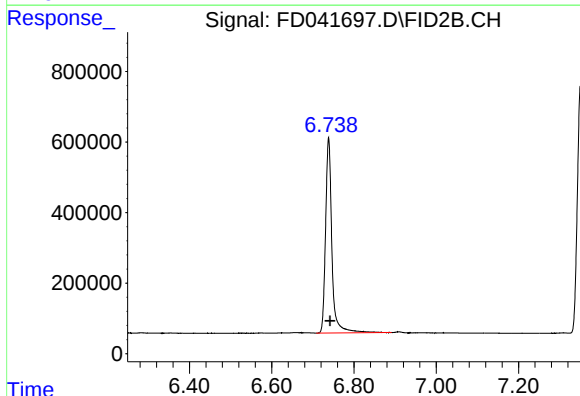
R.T.: 4.171 min
Delta R.T.: -0.002 min
Response: 5301375
Conc: 30.27 ug/ml

Instrument :
FID_D
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PB143566BSD



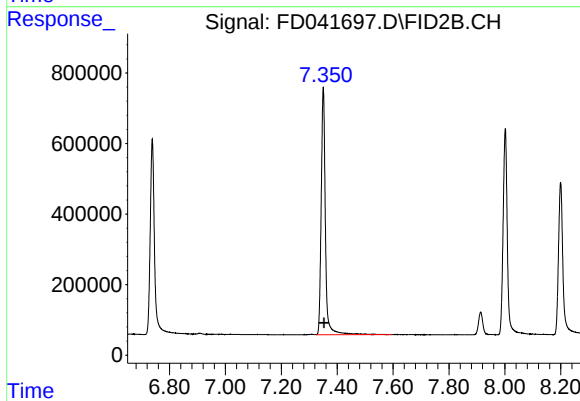
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 5871423
Conc: 33.28 ug/ml



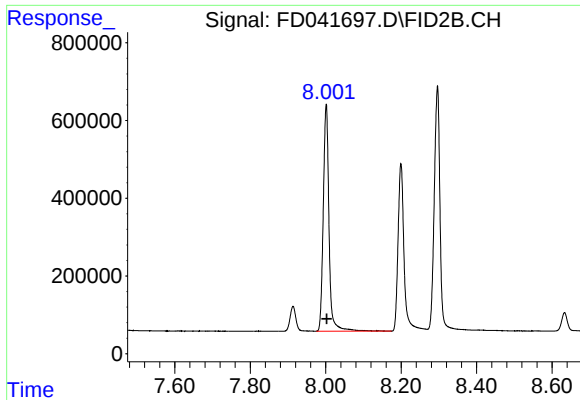
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 5925563
Conc: 37.04 ug/ml



#4 2-Bromonaphthalene (SURR)

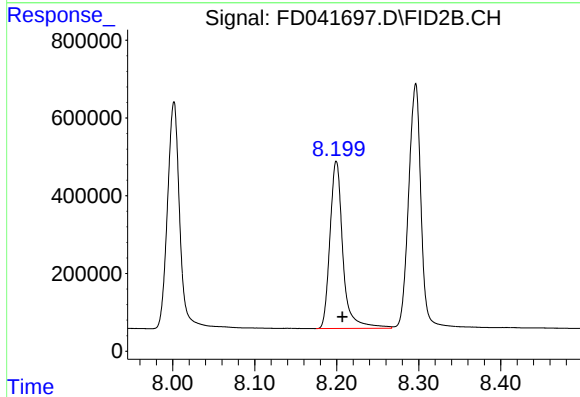
R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 7277405
Conc: 45.37 ug/ml



#5 Acenaphthylene (C15.06)

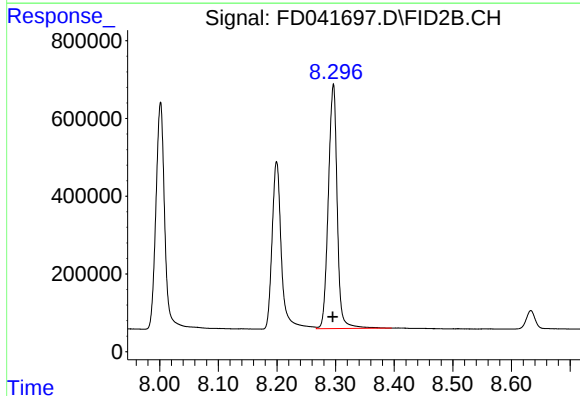
R.T.: 8.001 min
Delta R.T.: -0.002 min
Response: 6150017
Conc: 33.23 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143566BSD



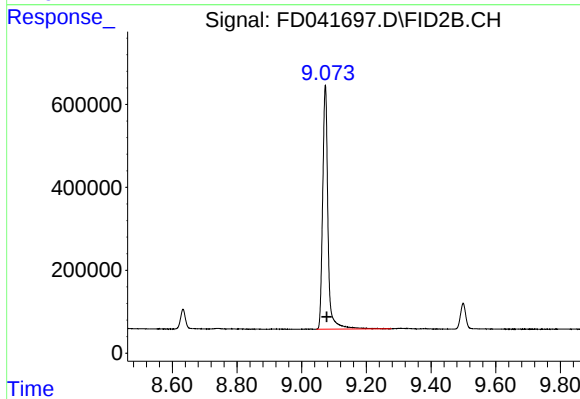
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 4726773
Conc: 47.83 ug/ml



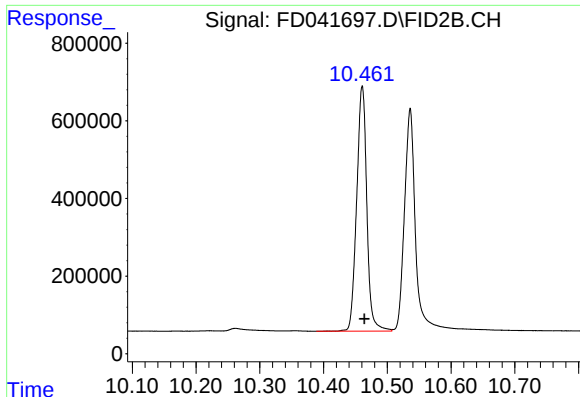
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 6612645
Conc: 34.45 ug/ml



#8 Flouorene (C16.55)

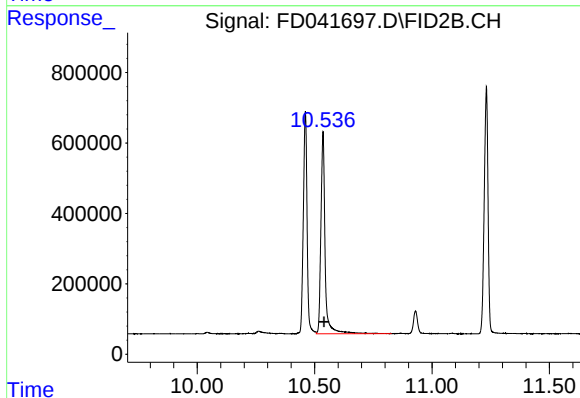
R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 6704300
Conc: 38.00 ug/ml



#9 Phenanthrene (C19.36)

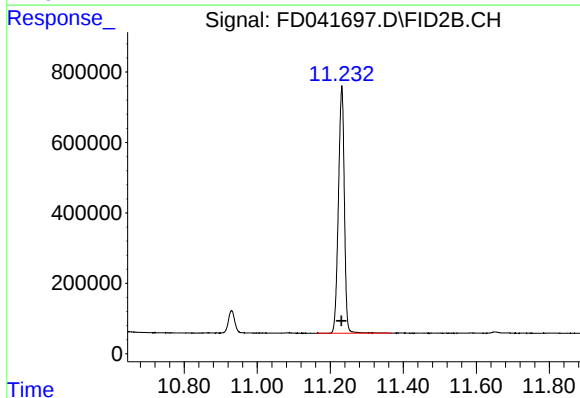
R.T.: 10.461 min
Delta R.T.: -0.004 min
Response: 6990598
Conc: 40.08 ug/ml

Instrument :
FID_D
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PB143566BSD



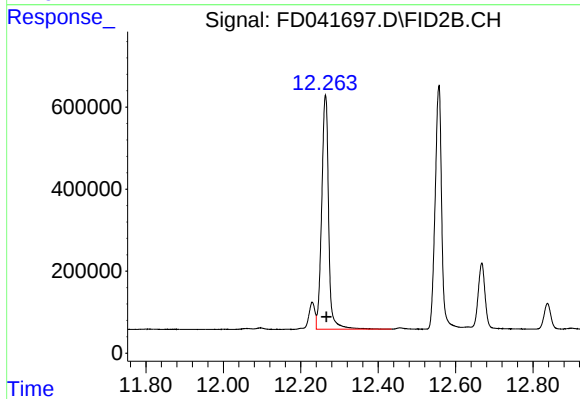
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.005 min
Response: 7139883
Conc: 39.23 ug/ml



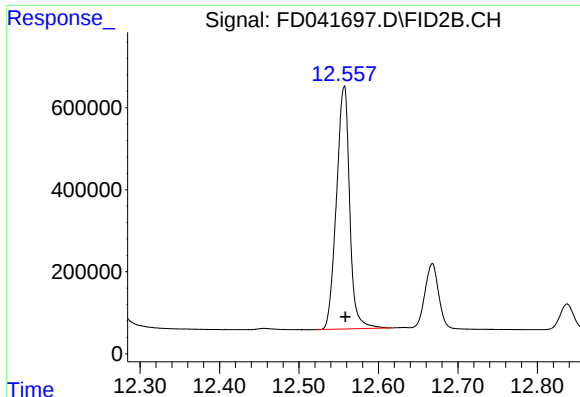
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.001 min
Response: 7893436
Conc: 40.60 ug/ml



#12 Fluoranthene (C21.85)

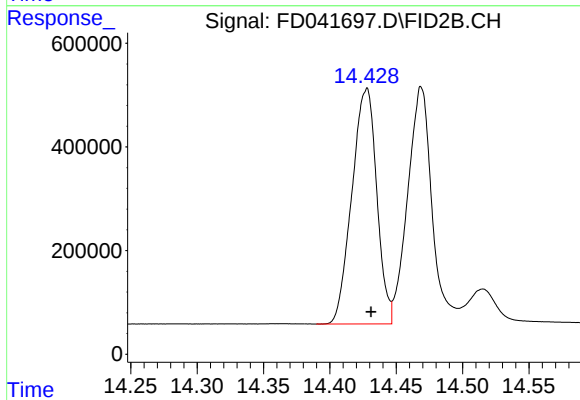
R.T.: 12.264 min
Delta R.T.: -0.003 min
Response: 7123037
Conc: 40.35 ug/ml



#13 Pyrene (C20.8)

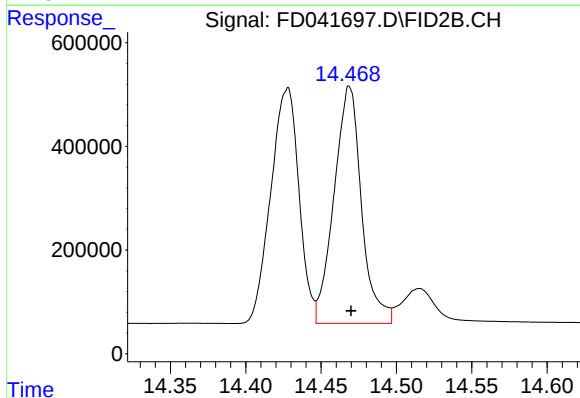
R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 6854401
Conc: 40.54 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143566BSD



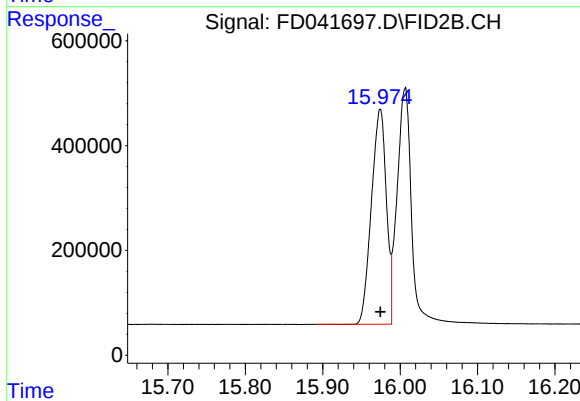
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.004 min
Response: 5918459
Conc: 39.58 ug/ml



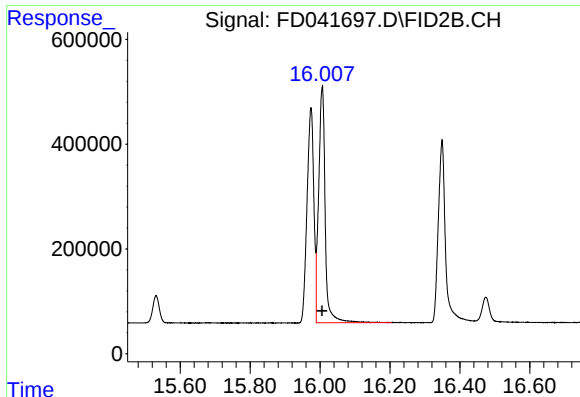
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.001 min
Response: 5798149
Conc: 32.21 ug/ml



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

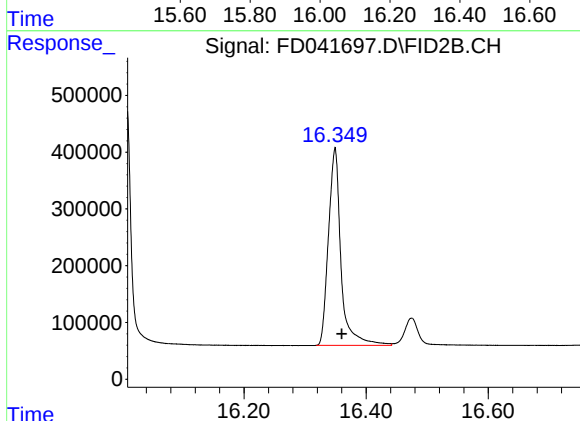
R.T.: 15.974 min
Delta R.T.: 0.000 min
Response: 5497334
Conc: 37.07 ug/ml



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

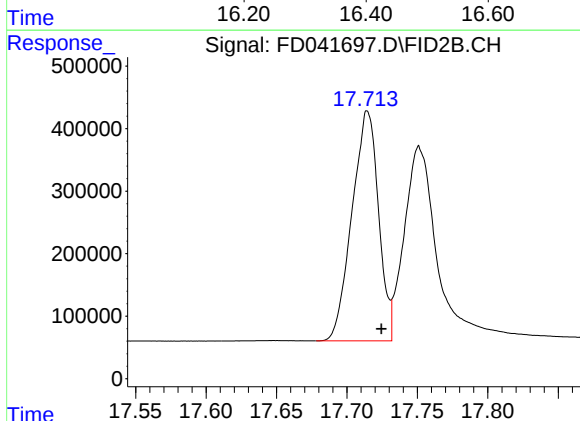
R.T.: 16.006 min
Delta R.T.: 0.000 min
Response: 5863626
Conc: 35.49 ug/ml

Instrument :
FID_D
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PB143566BSD



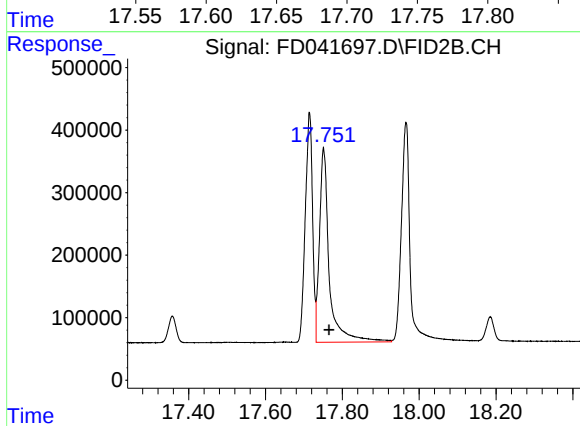
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.011 min
Response: 4974068
Conc: 35.36 ug/ml



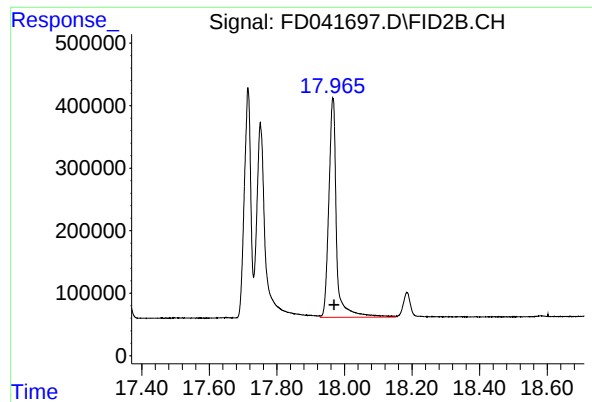
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.010 min
Response: 4815759
Conc: 43.72 ug/ml



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

R.T.: 17.752 min
Delta R.T.: -0.014 min
Response: 5499540
Conc: 37.99 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.004 min
Response: 5550272
Conc: 41.82 ug/ml

Instrument :
FID_D
ClientSampleId :
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