

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038592.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 12:22
 Operator : AJ\MA
 Sample : PB138416BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138416BS

Integration File: autoint1.e
 Quant Time: Aug 18 05:26:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.470	5818344	45.910 ug/ml
Spiked Amount 50.000		Recovery =	91.82%
6) S 2-Fluorobiphenyl (SURR)	8.330	3872446	44.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.20%
11) S ortho-Terphenyl (SURR)	11.366	6028902	42.028 ug/ml
Spiked Amount 50.000		Recovery =	84.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	6711149	47.854 ug/ml
2) T Naphthalene (C11.7)	5.810	6844441	46.999 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	6668550	45.983 ug/ml
5) T Acenaphthylene (C15.06)	8.132	6306135	43.677 ug/ml
7) T Acenaphthene (C15.5)	8.428	6507237	43.473 ug/ml
8) T Fluorene (C16.55)	9.208	6175083	43.336 ug/ml
9) T Phenanthrene (C19.36)	10.602	5827700	41.287 ug/ml
10) T Anthracene (C19.43)	10.677	5487261	40.139 ug/ml
12) T Fluoranthene (C21.85)	12.413	5428028	38.644 ug/ml
13) T Pyrene (C20.8)	12.708	5338707	38.111 ug/ml
14) T Benzo[a]anthracene (C...	14.583	4973606	38.843 ug/ml
15) T Chrysene (C27.41)	14.626	5219684	37.793 ug/ml
16) T benzo[b]fluoranthene ...	16.136	5122410	40.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	5124150	38.868 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	4845049	40.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	5090296	46.200 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	5158188	41.906 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	5132004	44.802 ug/ml

(f)=RT Delta > 1/2 Window

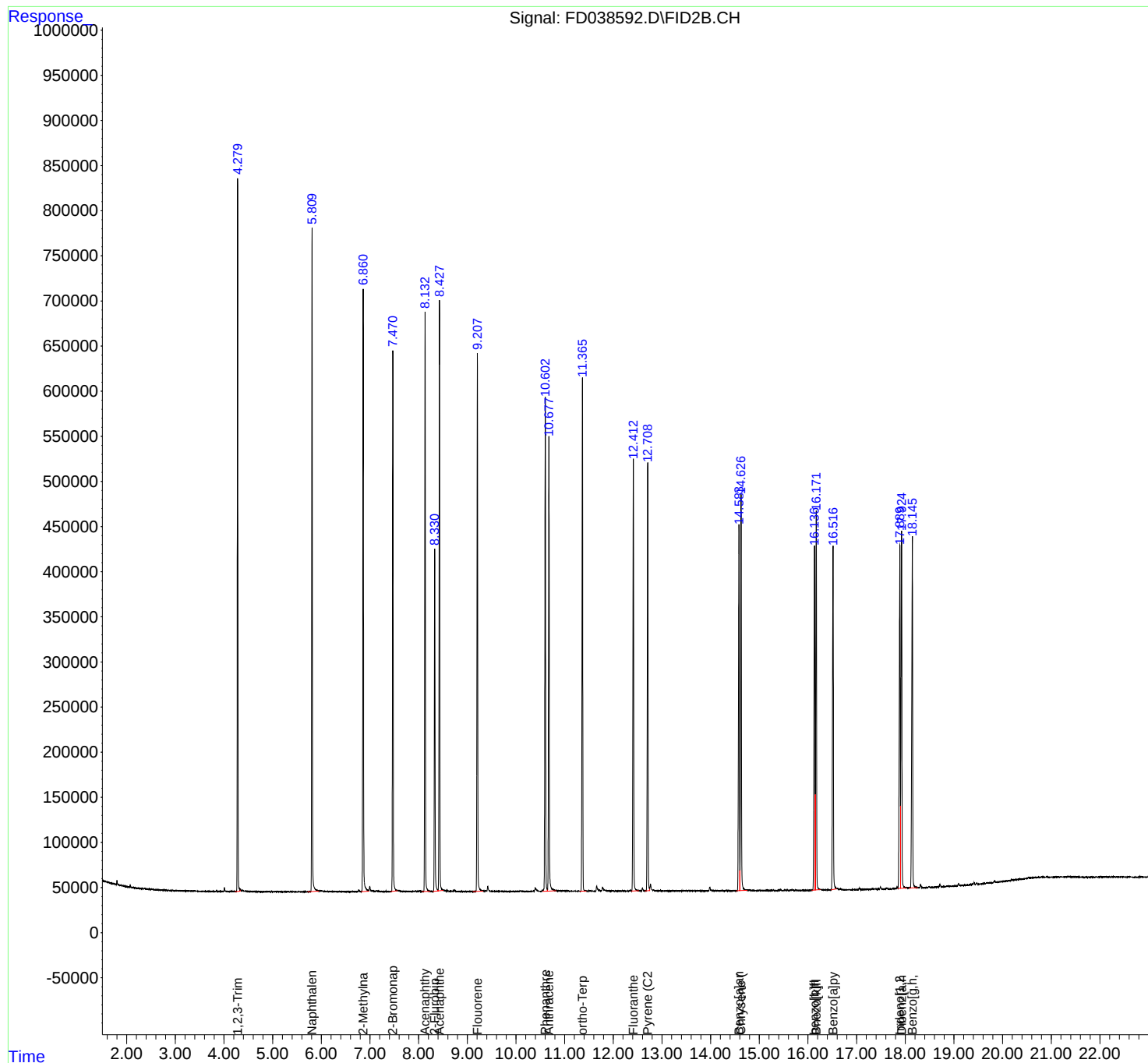
(m)=manual int.

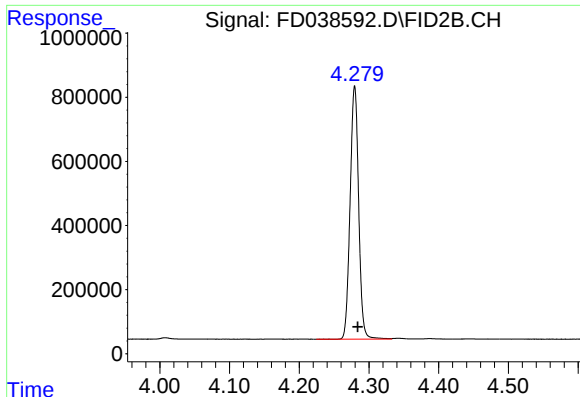
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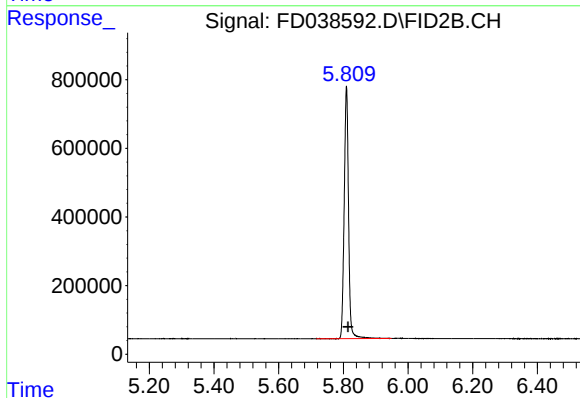




#1 1,2,3-Trimethylbenzene (C10.1)

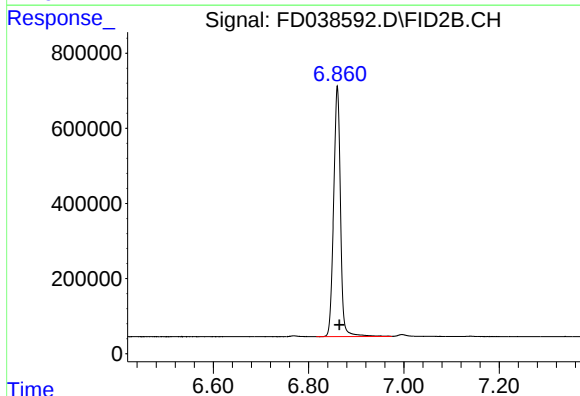
R.T.: 4.280 min
Delta R.T.: -0.004 min
Response: 6711149
Conc: 47.85 ug/ml

Instrument :
FID_D
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PB138416BS



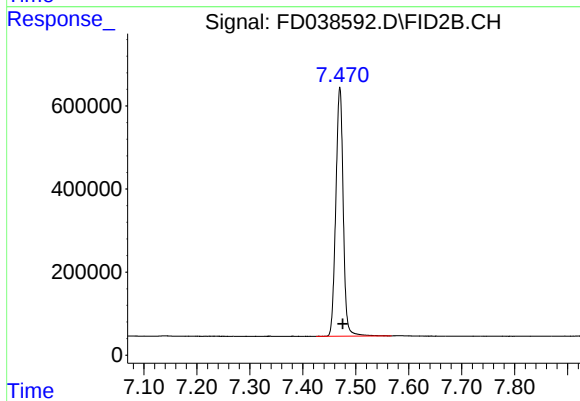
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.005 min
Response: 6844441
Conc: 47.00 ug/ml



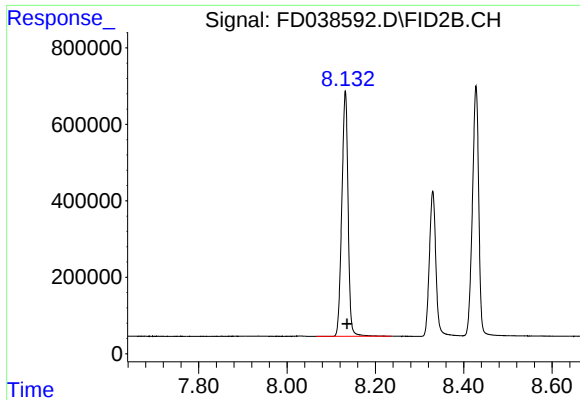
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 6668550
Conc: 45.98 ug/ml



#4 2-Bromonaphthalene (SURR)

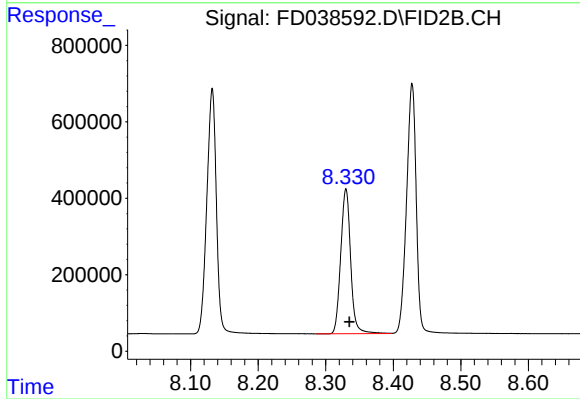
R.T.: 7.470 min
Delta R.T.: -0.006 min
Response: 5818344
Conc: 45.91 ug/ml



#5 Acenaphthylene (C15.06)

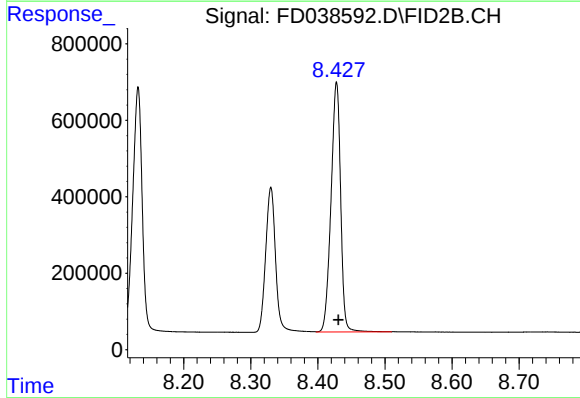
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 6306135
Conc: 43.68 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BS



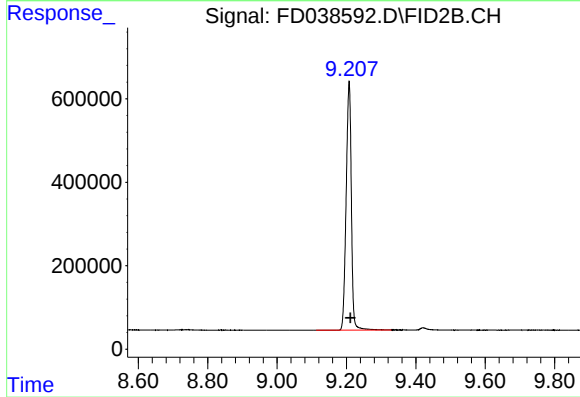
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 3872446
Conc: 44.60 ug/ml



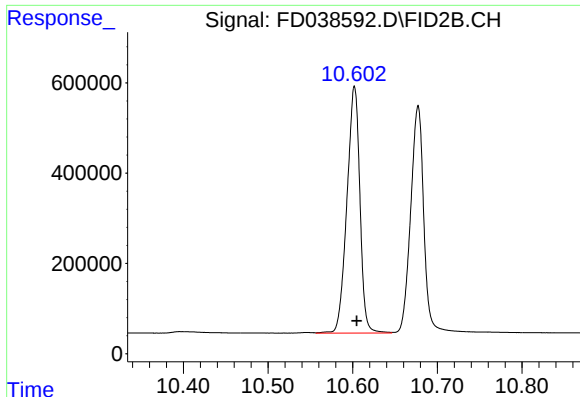
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.003 min
Response: 6507237
Conc: 43.47 ug/ml



#8 Flouorene (C16.55)

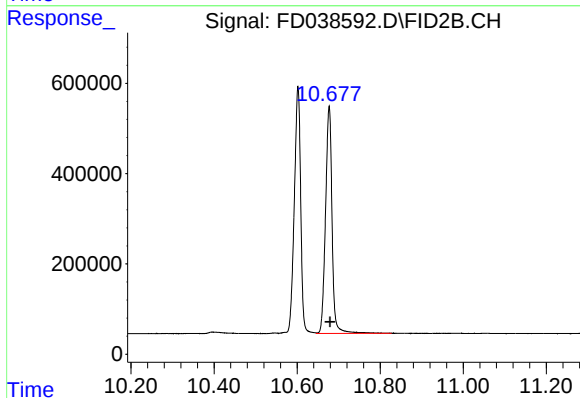
R.T.: 9.208 min
Delta R.T.: -0.003 min
Response: 6175083
Conc: 43.34 ug/ml



#9 Phenanthrene (C19.36)

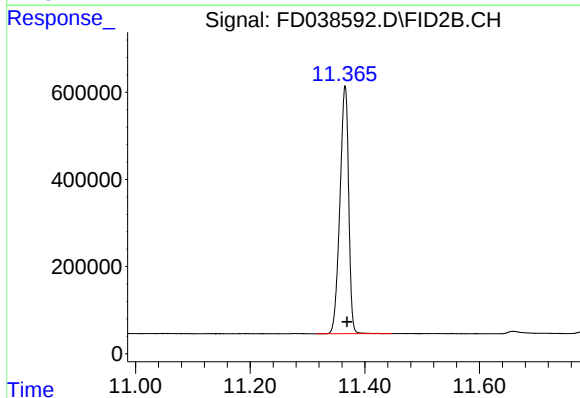
R.T.: 10.602 min
Delta R.T.: -0.003 min
Response: 5827700
Conc: 41.29 ug/ml

Instrument :
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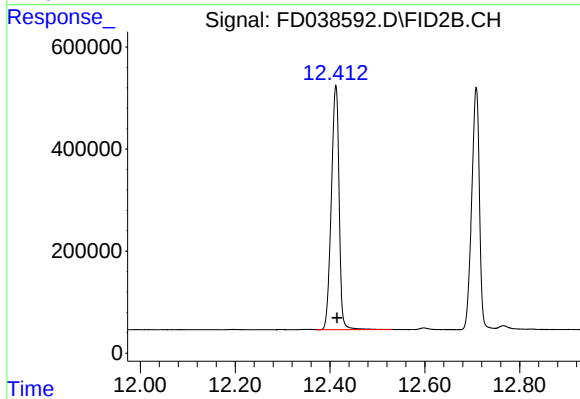
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: -0.002 min
Response: 5487261
Conc: 40.14 ug/ml



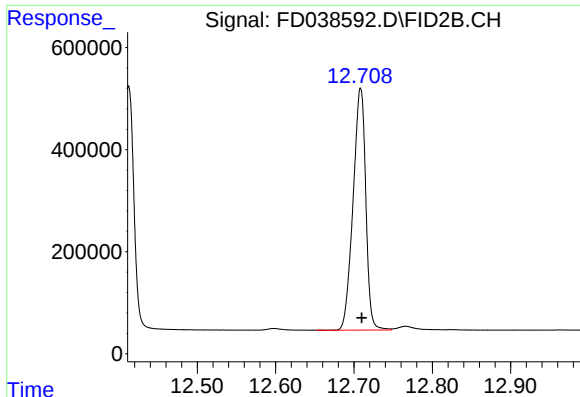
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.003 min
Response: 6028902
Conc: 42.03 ug/ml



#12 Fluoranthene (C21.85)

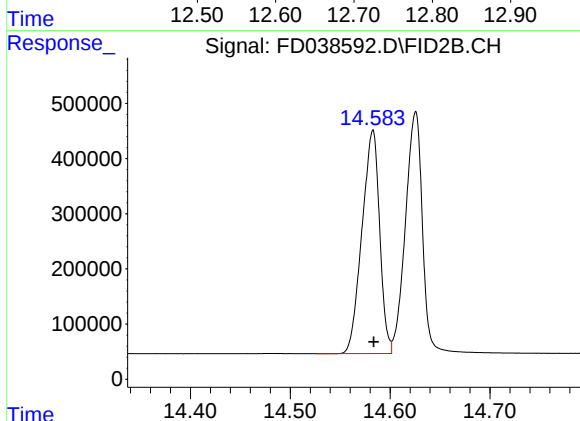
R.T.: 12.413 min
Delta R.T.: -0.002 min
Response: 5428028
Conc: 38.64 ug/ml



#13 Pyrene (C20.8)

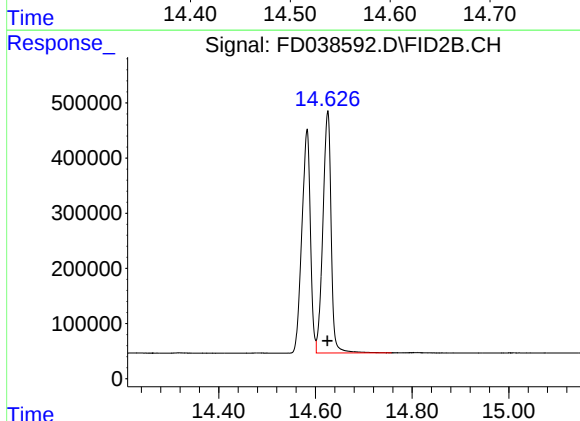
R.T.: 12.708 min
Delta R.T.: -0.001 min
Response: 5338707
Conc: 38.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138416BS



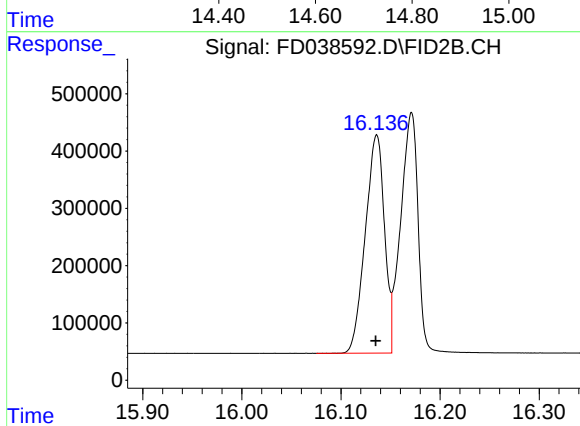
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 4973606
Conc: 38.84 ug/ml



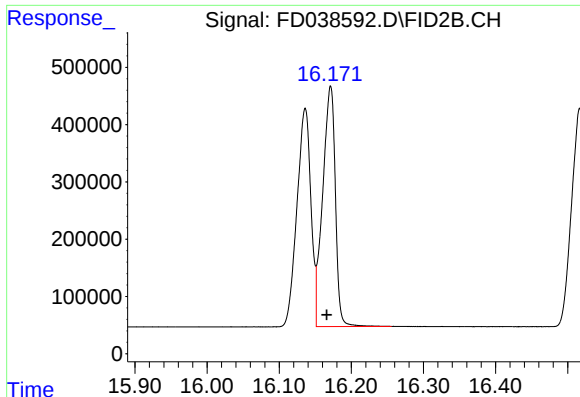
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: 0.001 min
Response: 5219684
Conc: 37.79 ug/ml



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

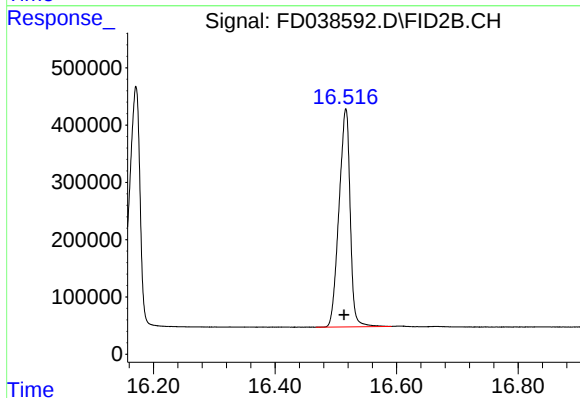
R.T.: 16.136 min
Delta R.T.: 0.001 min
Response: 5122410
Conc: 40.96 ug/ml



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

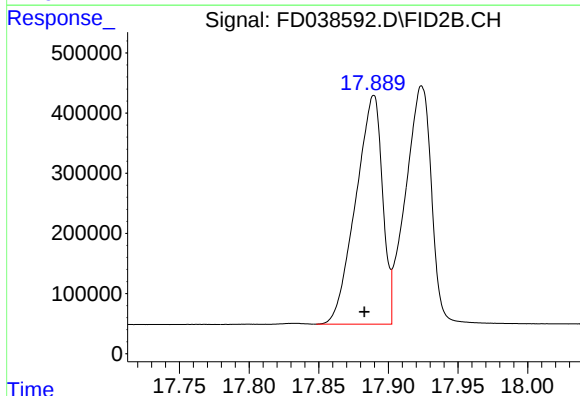
R.T.: 16.171 min
Delta R.T.: 0.005 min
Response: 5124150
Conc: 38.87 ug/ml

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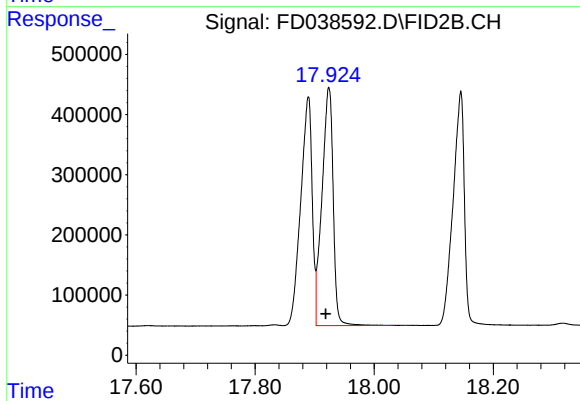
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: 0.003 min
Response: 4845049
Conc: 40.54 ug/ml



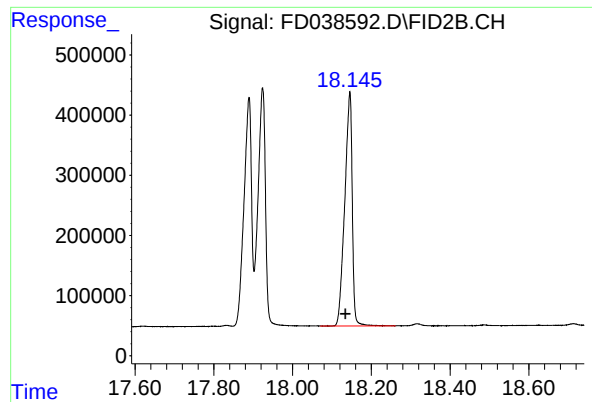
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: 0.007 min
Response: 5090296
Conc: 46.20 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.005 min
Response: 5158188
Conc: 41.91 ug/ml



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

R.T.: 18.146 min
Delta R.T.: 0.011 min
Response: 5132004
Conc: 44.80 ug/ml

Instrument :
FID_D
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