

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050721AR\
 Data File : FD037411.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2021 12:52
 Operator : DD\AJ
 Sample : PB136230BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB136230BS

Integration File: autoint1.e
 Quant Time: May 08 00:27:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.569	6070379	51.341 ug/ml
Spiked Amount 50.000		Recovery =	102.68%
6) S 2-Fluorobiphenyl (SURR)	8.429	3246478	42.073 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.15%
11) S ortho-Terphenyl (SURR)	11.472	5484960	44.407 ug/ml
Spiked Amount 50.000		Recovery =	88.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	4361418	32.799 ug/ml
2) T Naphthalene (C11.7)	5.905	4951477	36.019 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	5005305	37.325 ug/ml
5) T Acenaphthylene (C15.06)	8.233	5314727	42.490 ug/ml
7) T Acenaphthene (C15.5)	8.529	5169411	40.003 ug/ml
8) T Fluorene (C16.55)	9.310	5331806	43.528 ug/ml
9) T Phenanthrene (C19.36)	10.707	5423323	46.007 ug/ml
10) T Anthracene (C19.43)	10.782	5362971	46.559 ug/ml
12) T Fluoranthene (C21.85)	12.518	5651633	48.459 ug/ml
13) T Pyrene (C20.8)	12.815	5689350	49.419 ug/ml
14) T Benzo[a]anthracene (C...	14.687	5536579	50.305 ug/ml
15) T Chrysene (C27.41)	14.732	6148470	54.314 ug/ml
16) T benzo[b]fluoranthene ...	16.239	5879544	52.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.275	5700835	52.930 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	5814219	56.177 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	5370925	50.491 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	5438696	52.053 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	5529256	51.766 ug/ml

(f)=RT Delta > 1/2 Window

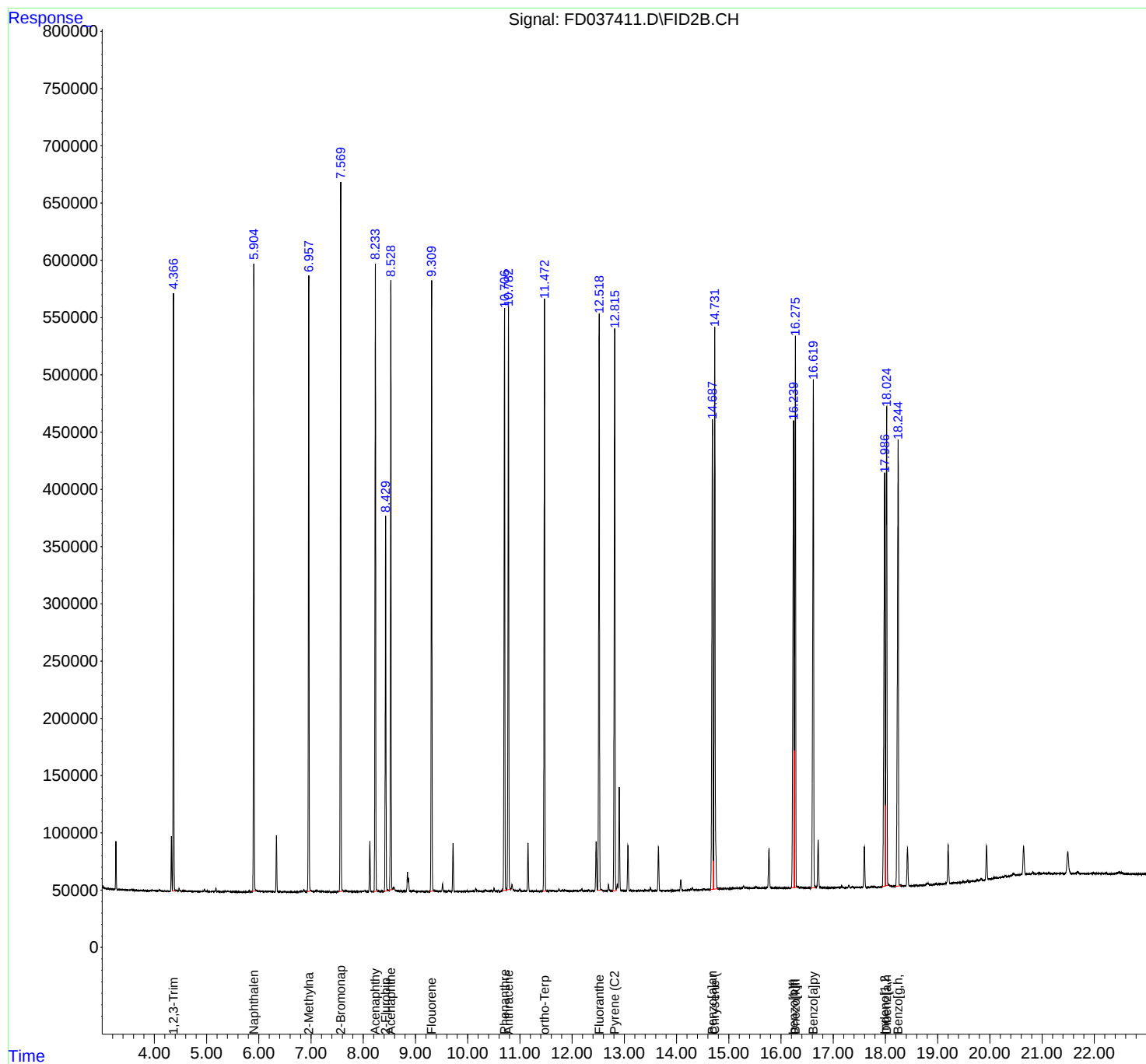
(m)=manual int.

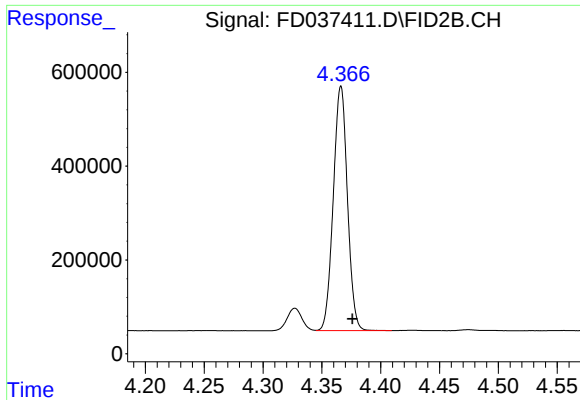
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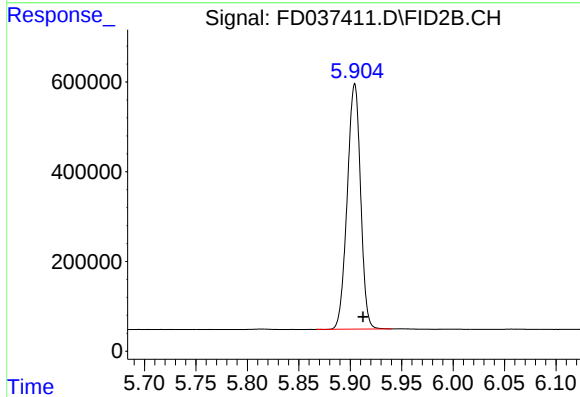




#1 1,2,3-Trimethylbenzene (C10.1)

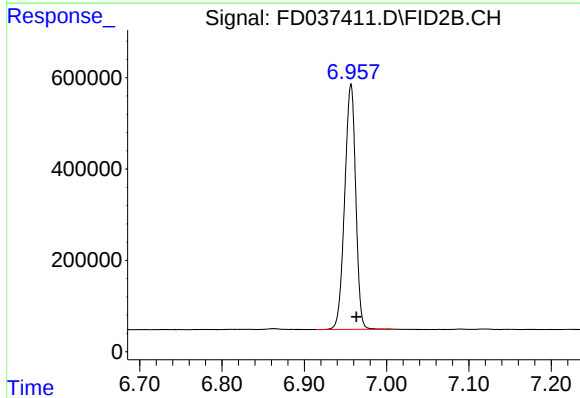
R.T.: 4.366 min
Delta R.T.: -0.010 min
Response: 4361418
Conc: 32.80 ug/ml

Instrument :
FID_D
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PB136230BS



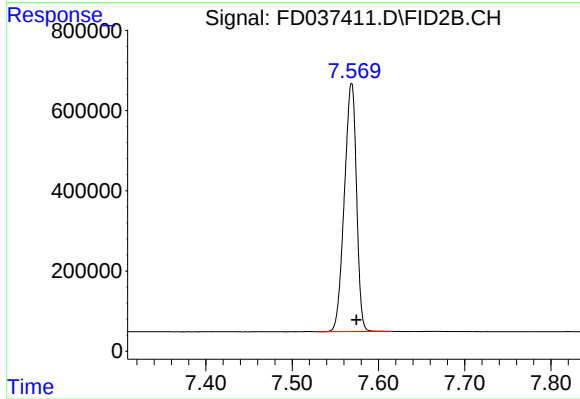
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.008 min
Response: 4951477
Conc: 36.02 ug/ml



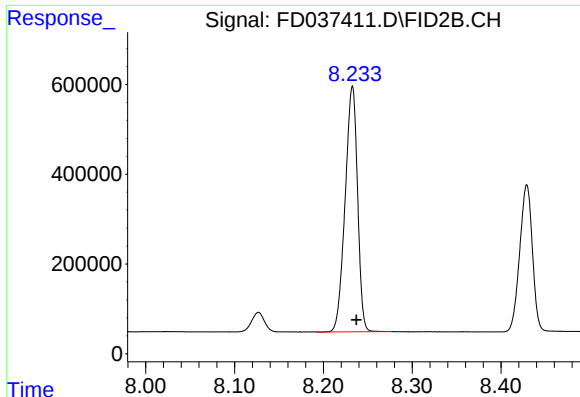
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.007 min
Response: 5005305
Conc: 37.32 ug/ml



#4 2-Bromonaphthalene (SURR)

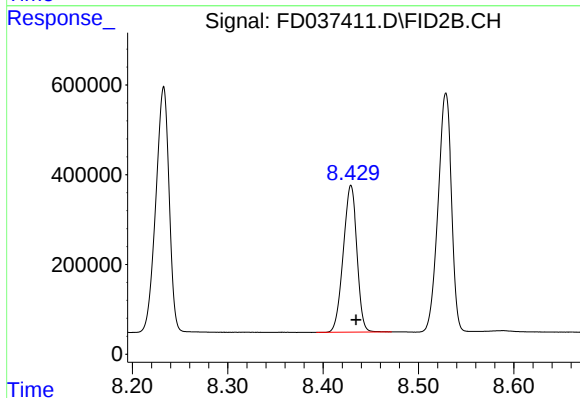
R.T.: 7.569 min
Delta R.T.: -0.005 min
Response: 6070379
Conc: 51.34 ug/ml



#5 Acenaphthylene (C15.06)

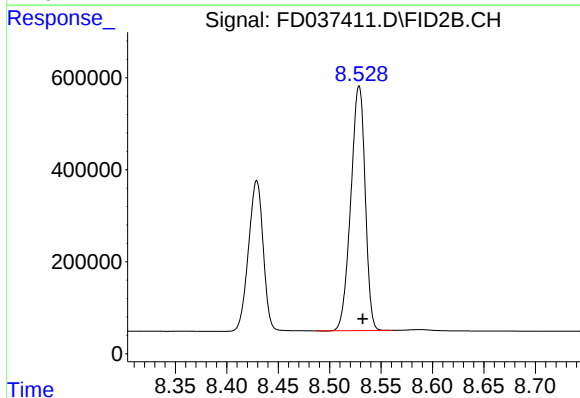
R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 5314727
Conc: 42.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136230BS



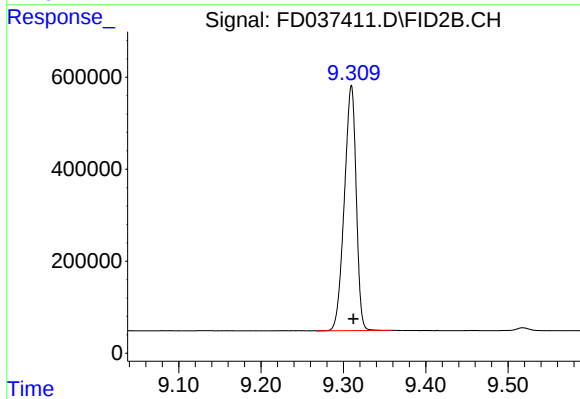
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.005 min
Response: 3246478
Conc: 42.07 ug/ml



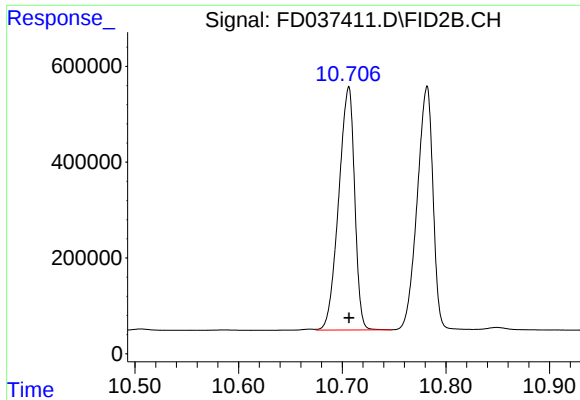
#7 Acenaphthene (C15.5)

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 5169411
Conc: 40.00 ug/ml



#8 Flouorene (C16.55)

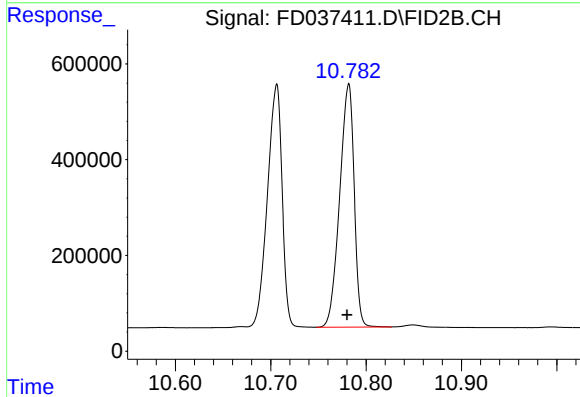
R.T.: 9.310 min
Delta R.T.: -0.002 min
Response: 5331806
Conc: 43.53 ug/ml



#9 Phenanthrene (C19.36)

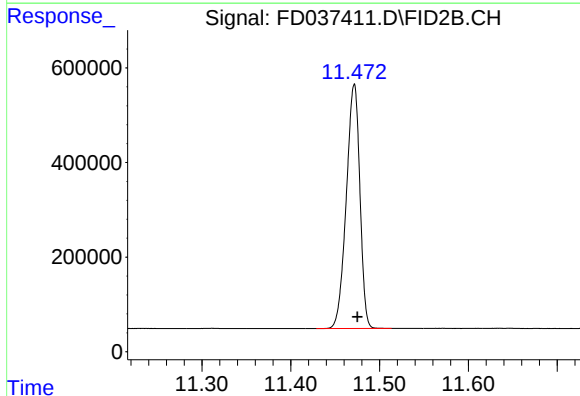
R.T.: 10.707 min
Delta R.T.: 0.000 min
Response: 5423323
Conc: 46.01 ug/ml

Instrument :
FID_D
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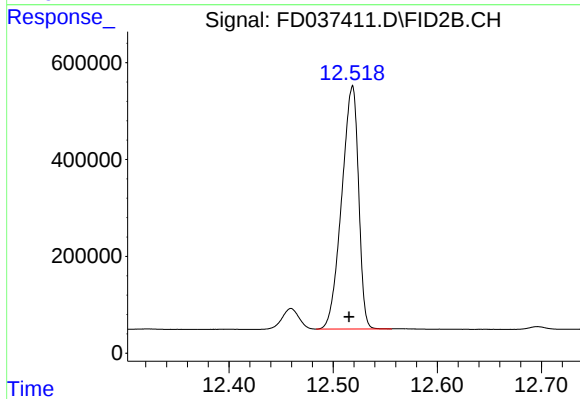
#10 Anthracene (C19.43)

R.T.: 10.782 min
Delta R.T.: 0.002 min
Response: 5362971
Conc: 46.56 ug/ml



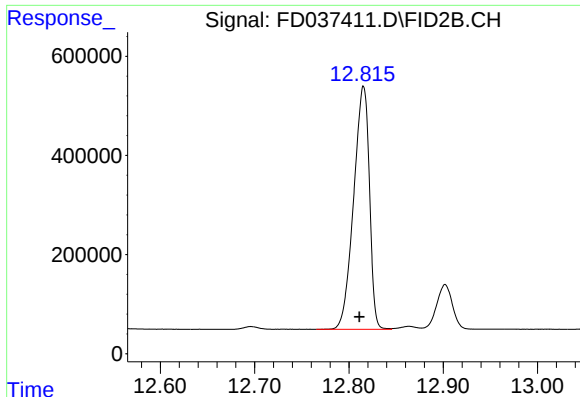
#11 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.003 min
Response: 5484960
Conc: 44.41 ug/ml



#12 Fluoranthene (C21.85)

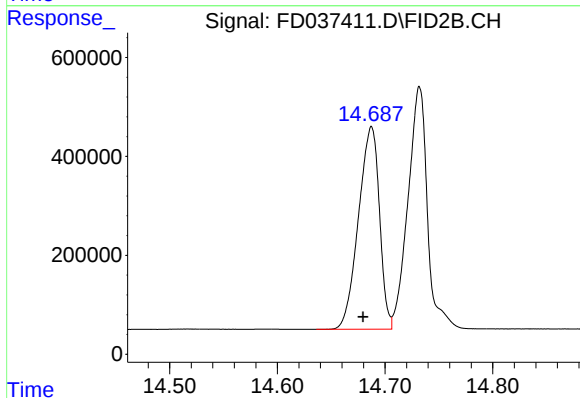
R.T.: 12.518 min
Delta R.T.: 0.003 min
Response: 5651633
Conc: 48.46 ug/ml



#13 Pyrene (C20.8)

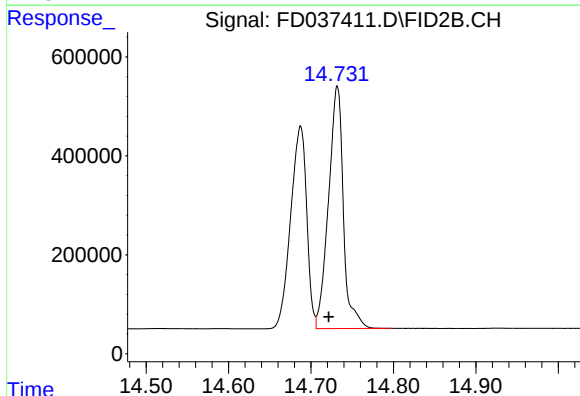
R.T.: 12.815 min
Delta R.T.: 0.004 min
Response: 5689350
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136230BS



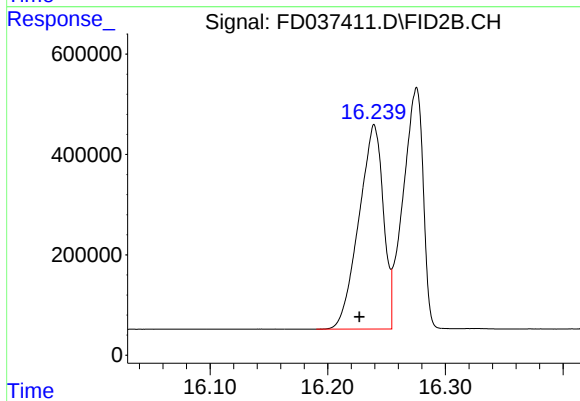
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min
Delta R.T.: 0.008 min
Response: 5536579
Conc: 50.30 ug/ml



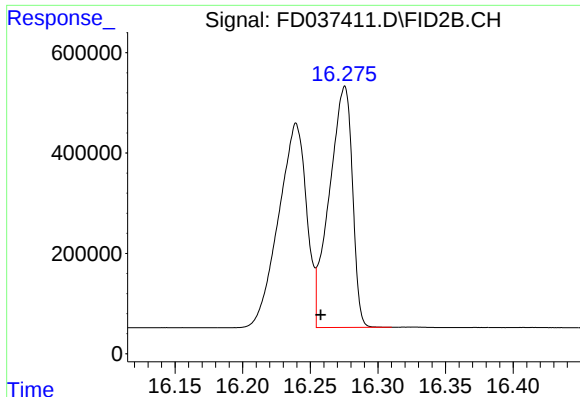
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: 0.011 min
Response: 6148470
Conc: 54.31 ug/ml



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

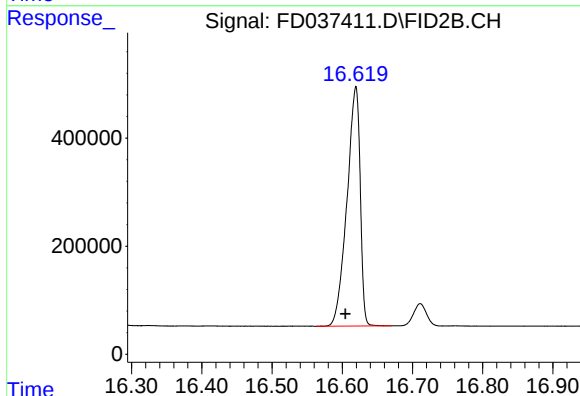
R.T.: 16.239 min
Delta R.T.: 0.013 min
Response: 5879544
Conc: 52.42 ug/ml



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

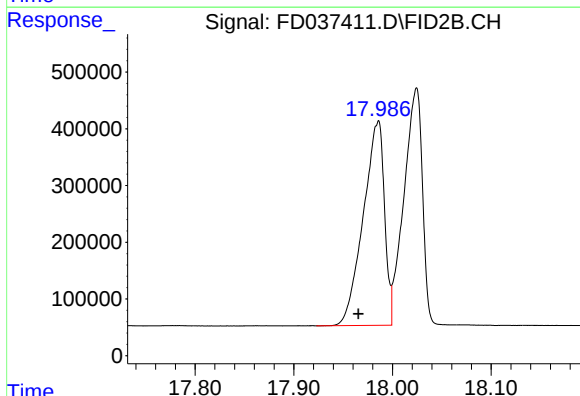
R.T.: 16.275 min
Delta R.T.: 0.018 min
Response: 5700835
Conc: 52.93 ug/ml

Instrument :
FID_D
ClientSampleId :
PB136230BS



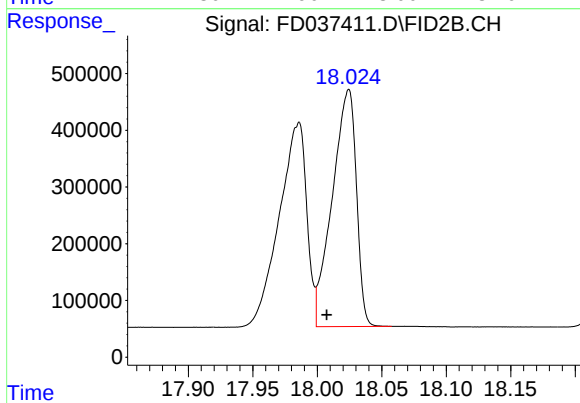
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.015 min
Response: 5814219
Conc: 56.18 ug/ml



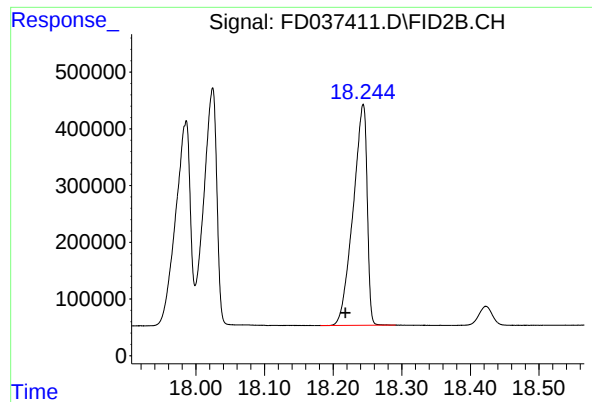
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.020 min
Response: 5370925
Conc: 50.49 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.017 min
Response: 5438696
Conc: 52.05 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.026 min
Response: 5529256
Conc: 51.77 ug/ml

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