

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038599.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 17:14
 Operator : AJ\MA
 Sample : M3431-04MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 4MS

Manual Integrations
 APPROVED

mohammad
 8/18/2021 9:54:54 AM

Integration File: autoint1.e
 Quant Time: Aug 18 05:28:38 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...	7.471	7794149	61.501 ug/ml
Spiked Amount 50.000		Recovery =	123.00%
6) S 2-Fluorobiphenyl (SURR)	8.330	4388974	50.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.10%
11) S ortho-Terphenyl (SURR)	11.365	5900510	41.133 ug/ml
Spiked Amount 50.000		Recovery =	82.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	4913533	35.036 ug/ml
2) T Naphthalene (C11.7)	5.809	5798681	39.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	6007406	41.424 ug/ml
5) T Acenaphthylene (C15.06)	8.132	6752257	46.766 ug/ml
7) T Acenaphthene (C15.5)	8.429	7118264	47.555 ug/ml
8) T Fluorene (C16.55)	9.210	7112186	49.913 ug/ml
9) T Phenanthrene (C19.36)	10.604	6769380	47.958 ug/ml
10) T Anthracene (C19.43)	10.680	6654862	48.680 ug/ml
12) T Fluoranthene (C21.85)	12.416	6501167	46.284 ug/ml
13) T Pyrene (C20.8)	12.713	6476289	46.231 ug/ml
14) T Benzo[a]anthracene (C...	14.585	5792183	45.236 ug/ml
15) T Chrysene (C27.41)	14.630	6364702	46.084 ug/ml
16) T benzo[b]fluoranthene ...	16.142	6102109	48.798 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.176	5829656	44.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	5796662	48.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	5445334	49.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	5593926	45.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	5596786	48.860 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 61 Sample Multiplier: 1

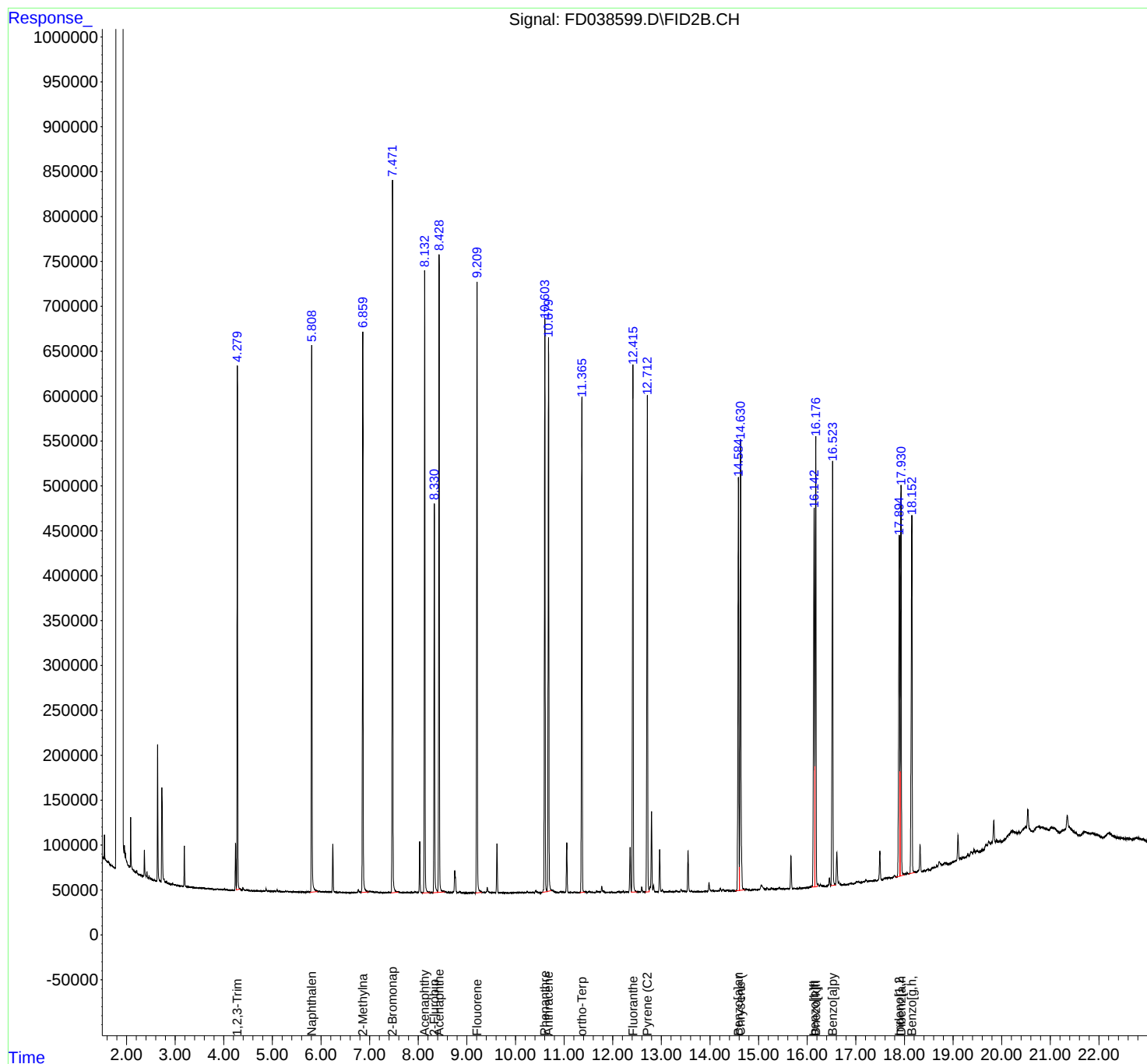
Instrument :
FID_D
ClientSampled :
4MS

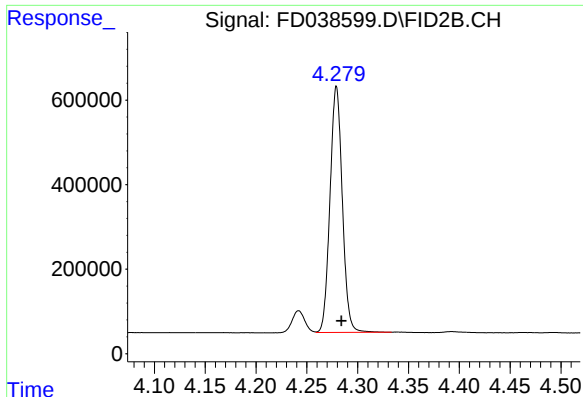
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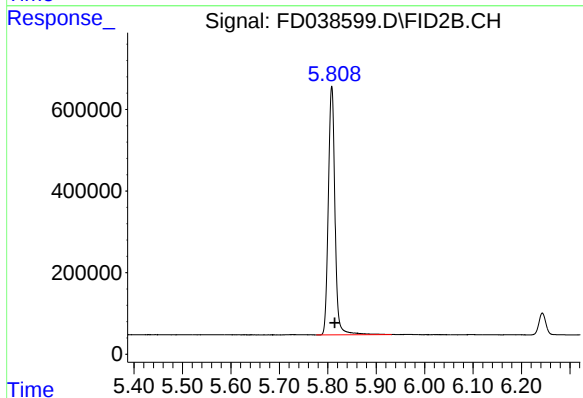
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.279 min
Delta R.T.: -0.005 min
Response: 4913533
Conc: 35.04 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

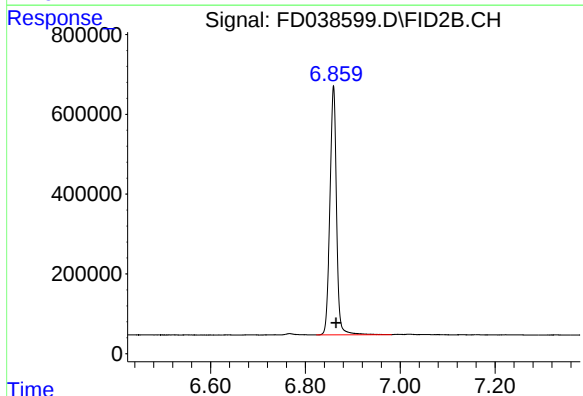
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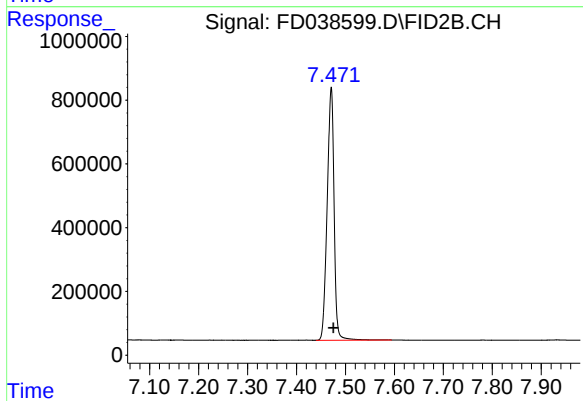
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.006 min
Response: 5798681
Conc: 39.82 ug/ml



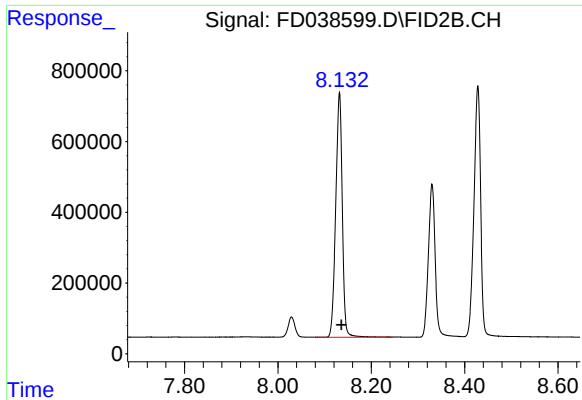
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 6007406
Conc: 41.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 7794149
Conc: 61.50 ug/ml



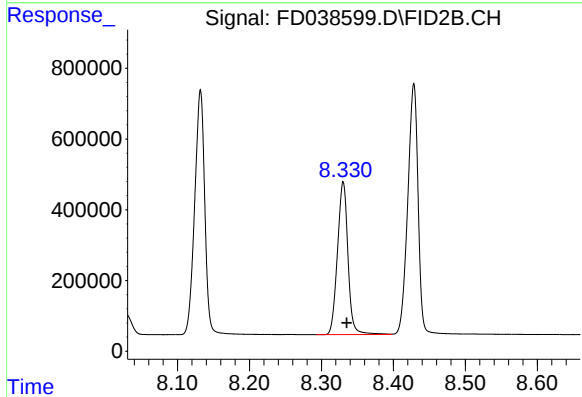
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 6752257
Conc: 46.77 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

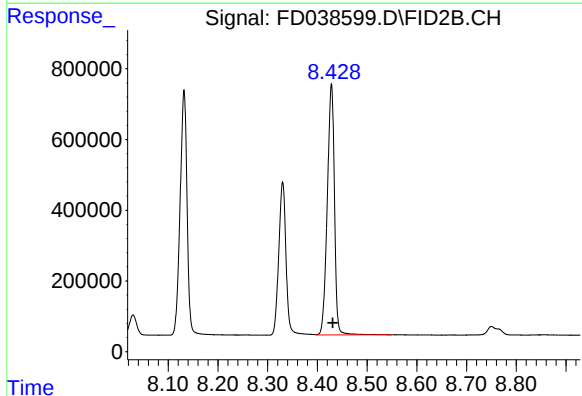
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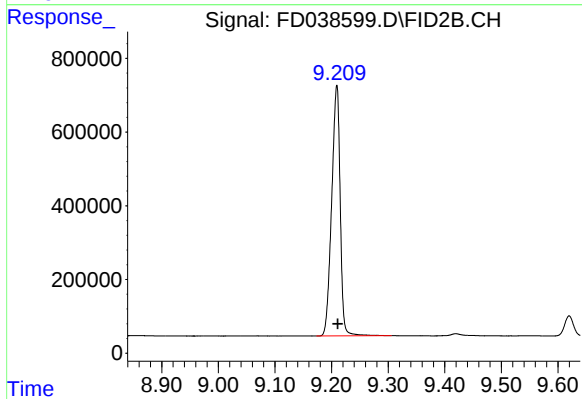
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 4388974
Conc: 50.55 ug/ml



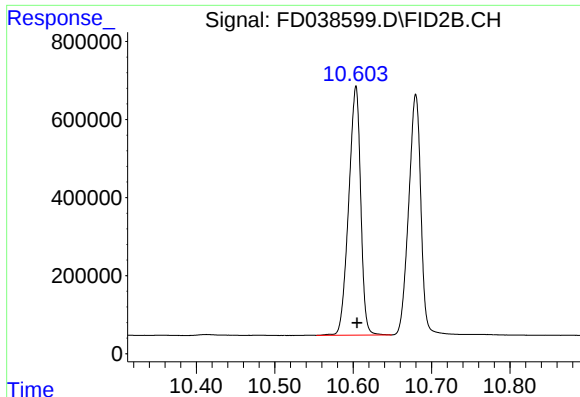
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 7118264
Conc: 47.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.210 min
Delta R.T.: -0.002 min
Response: 7112186
Conc: 49.91 ug/ml



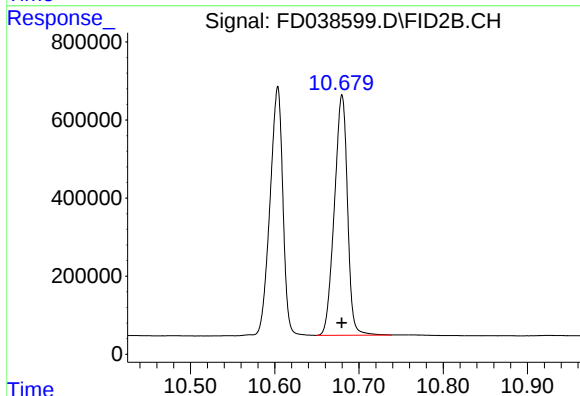
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: -0.001 min
Response: 6769380
Conc: 47.96 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

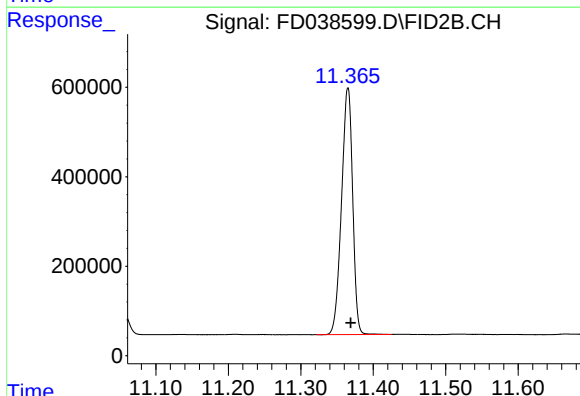
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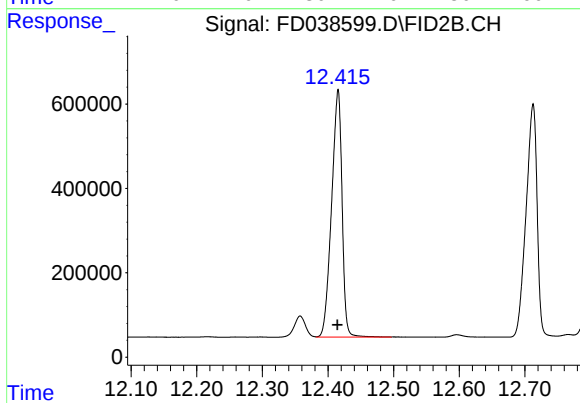
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 6654862
Conc: 48.68 ug/ml



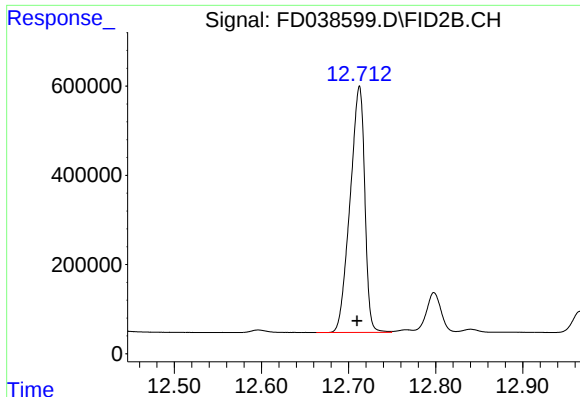
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: -0.004 min
Response: 5900510
Conc: 41.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.000 min
Response: 6501167
Conc: 46.28 ug/ml



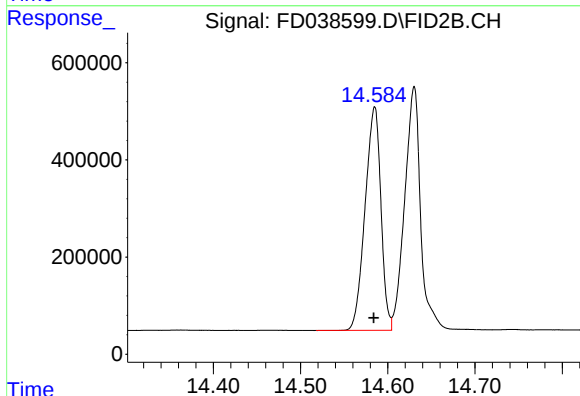
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.003 min
Response: 6476289
Conc: 46.23 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

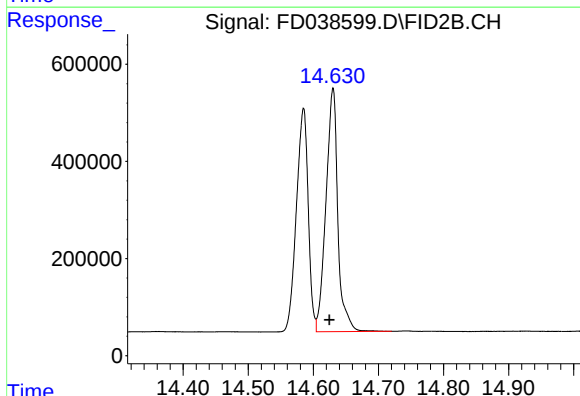
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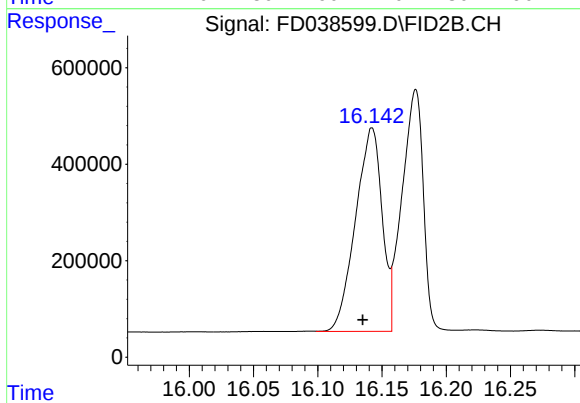
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: 0.001 min
Response: 5792183
Conc: 45.24 ug/ml



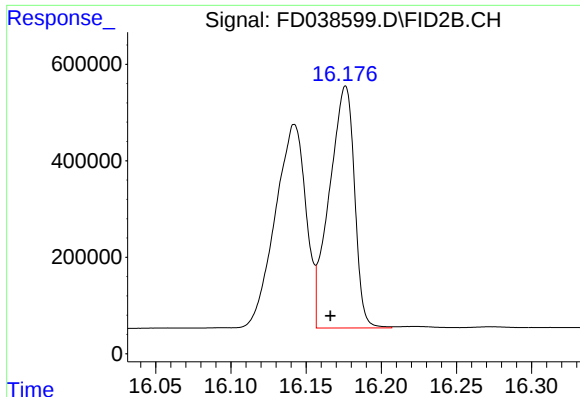
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.006 min
Response: 6364702
Conc: 46.08 ug/ml



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

R.T.: 16.142 min
Delta R.T.: 0.007 min
Response: 6102109
Conc: 48.80 ug/ml m



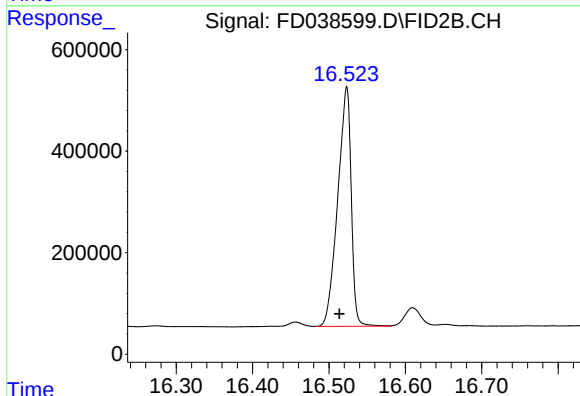
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.176 min
Delta R.T.: 0.010 min
Response: 5829656
Conc: 44.22 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

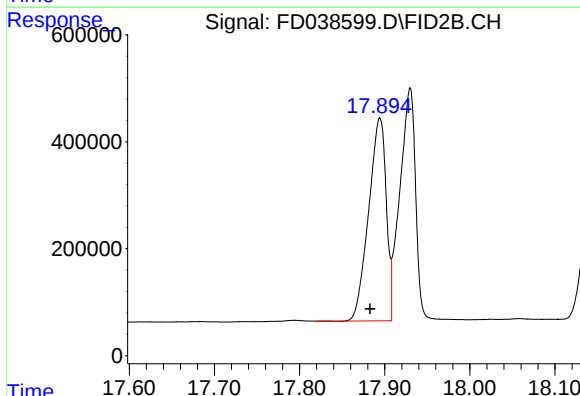
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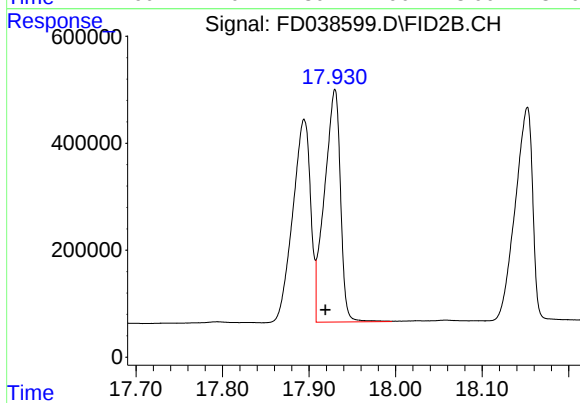
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: 0.010 min
Response: 5796662
Conc: 48.50 ug/ml



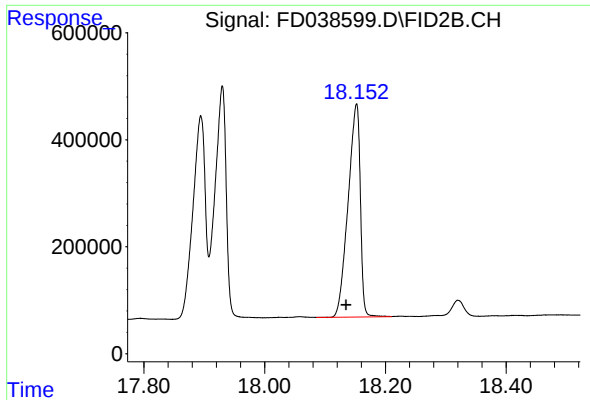
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.012 min
Response: 5445334
Conc: 49.42 ug/ml



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

R.T.: 17.930 min
Delta R.T.: 0.011 min
Response: 5593926
Conc: 45.45 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.017 min
Response: 5596786
Conc: 48.86 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

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