

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AR\
 Data File : FD038085.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 16:07
 Operator : DD\AJ
 Sample : M2933-04MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 4MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 08 02:09:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.524	6066422	46.547 ug/ml
Spiked Amount 50.000		Recovery =	93.09%
6) S 2-Fluorobiphenyl (SURR)	8.384	3381392	38.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.42%
11) S ortho-Terphenyl (SURR)	11.422	4981005	32.867 ug/ml
Spiked Amount 50.000		Recovery =	65.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5663697	39.985 ug/ml
2) T Naphthalene (C11.7)	5.863	7252205	49.053 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	7708488	52.524 ug/ml
5) T Acenaphthylene (C15.06)	8.189	8851345	59.336 ug/ml
7) T Acenaphthene (C15.5)	8.485	9122746	58.918 ug/ml
8) T Flouorene (C16.55)	9.266	9213991	62.855 ug/ml
9) T Phenanthrene (C19.36)	10.662	8893906	61.526 ug/ml
10) T Anthracene (C19.43)	10.738	8808533	62.264 ug/ml
12) T Fluoranthene (C21.85)	12.473	8879725	61.294 ug/ml
13) T Pyrene (C20.8)	12.770	8980278	63.024 ug/ml
14) T Benzo[a]anthracene (C...	14.640	8172545	64.008 ug/ml
15) T Chrysene (C27.41)	14.686	8225967	58.103 ug/ml
16) T benzo[b]fluoranthene ...	16.193	8100714	64.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.230	7888643	60.136 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.573	7769924	66.238 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	6950119	67.149 ug/ml
20) T Dibenz[a,h]anthracene...	17.977	6922758	58.732 ug/ml
21) T Benzo[g,h,i]perylene ...	18.197	6977328	63.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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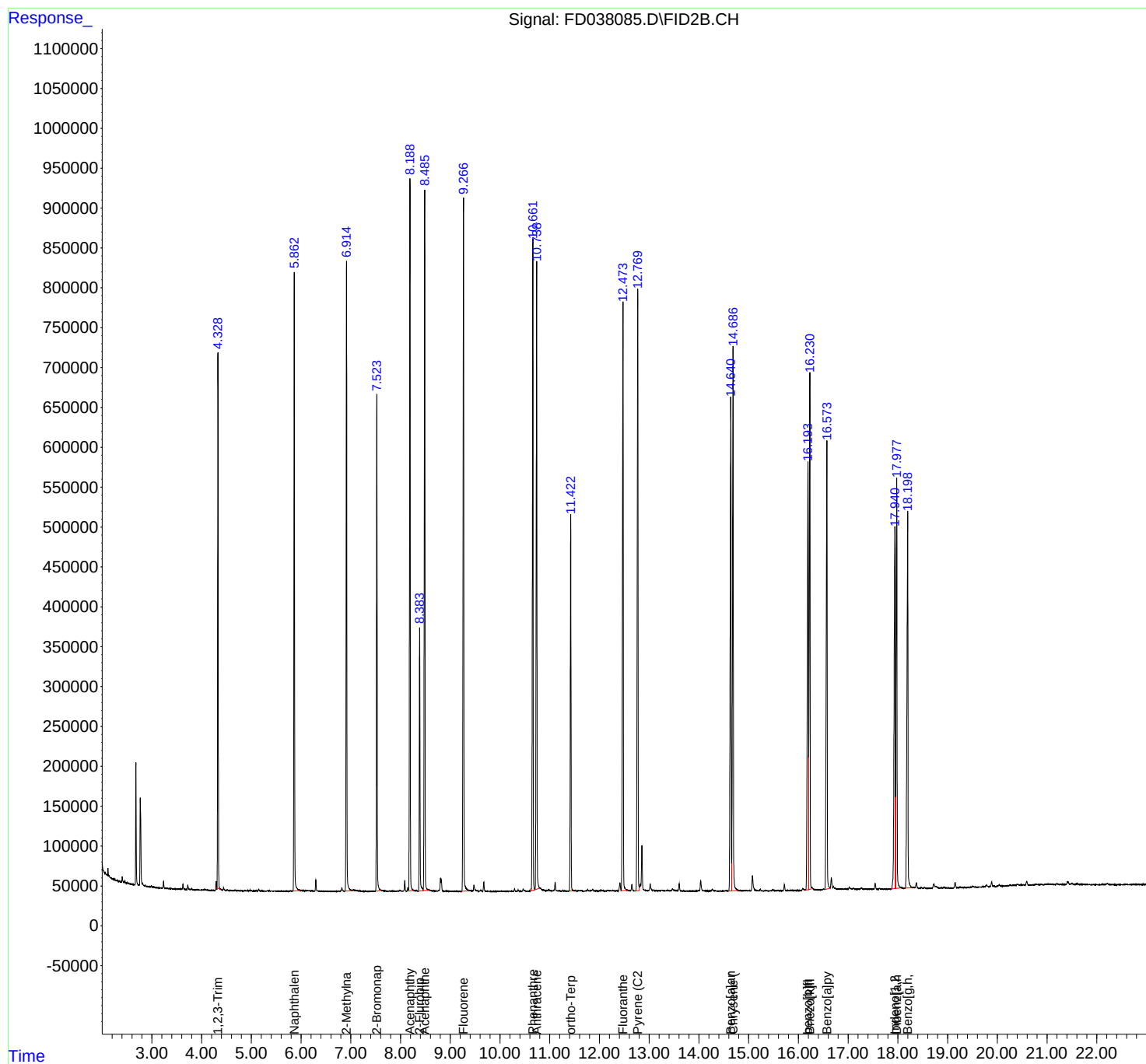
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4MS

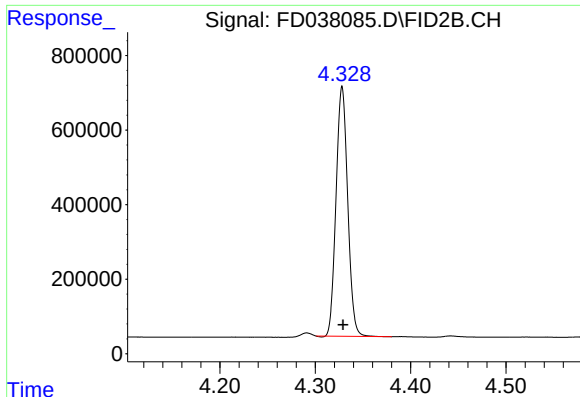
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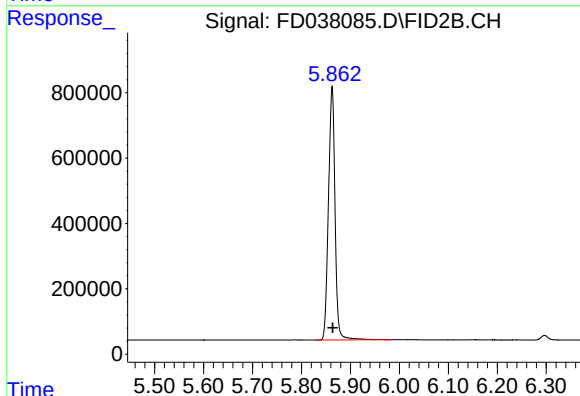
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 5663697
Conc: 39.99 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

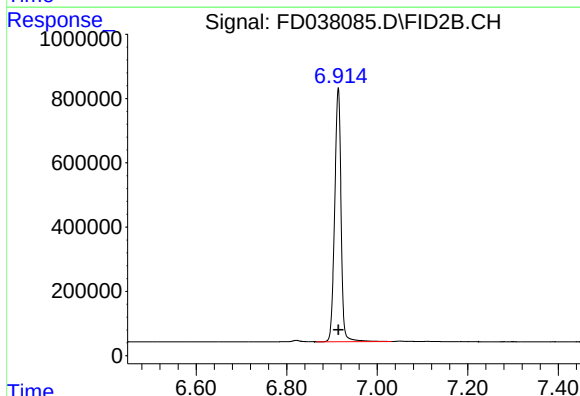
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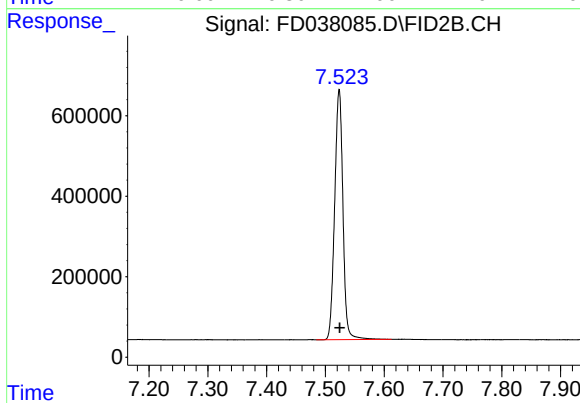
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 7252205
Conc: 49.05 ug/ml



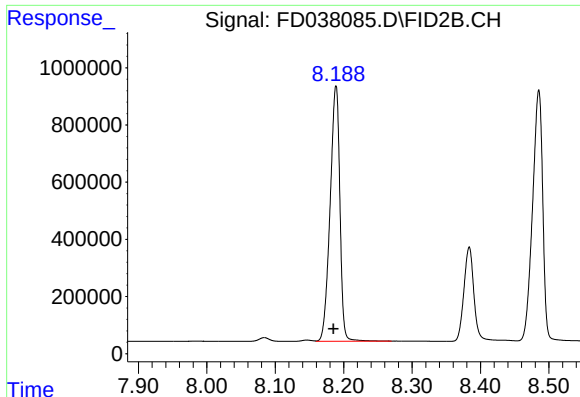
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 7708488
Conc: 52.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 6066422
Conc: 46.55 ug/ml



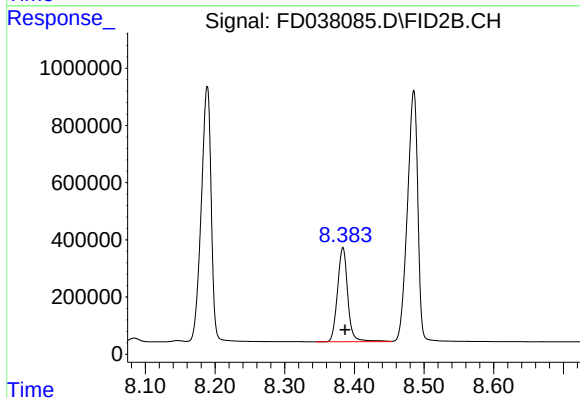
#5 Acenaphthylene (C15.06)

R.T.: 8.189 min
Delta R.T.: 0.004 min
Response: 8851345
Conc: 59.34 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

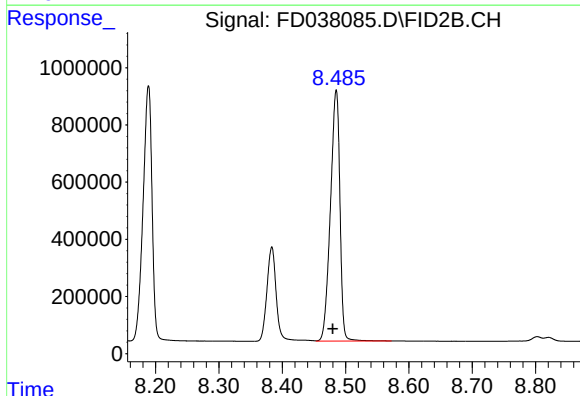
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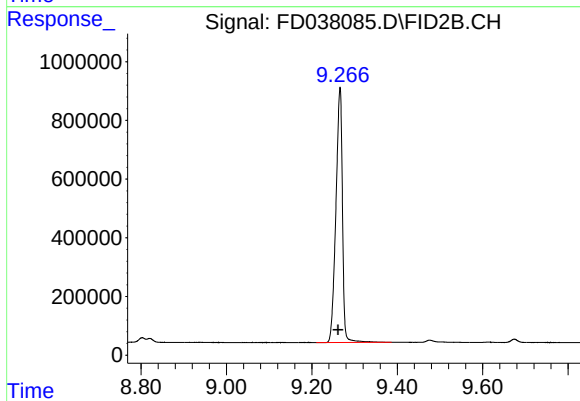
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.003 min
Response: 3381392
Conc: 38.21 ug/ml



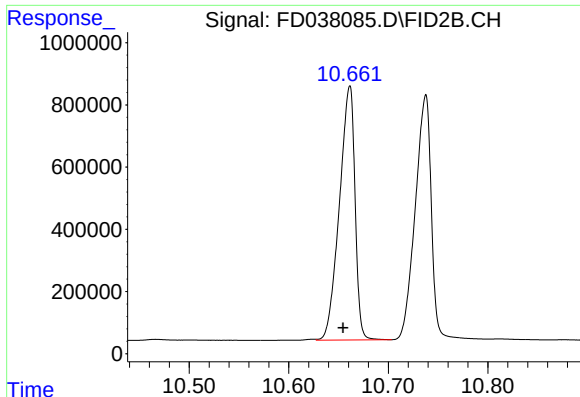
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: 0.006 min
Response: 9122746
Conc: 58.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.266 min
Delta R.T.: 0.005 min
Response: 9213991
Conc: 62.85 ug/ml



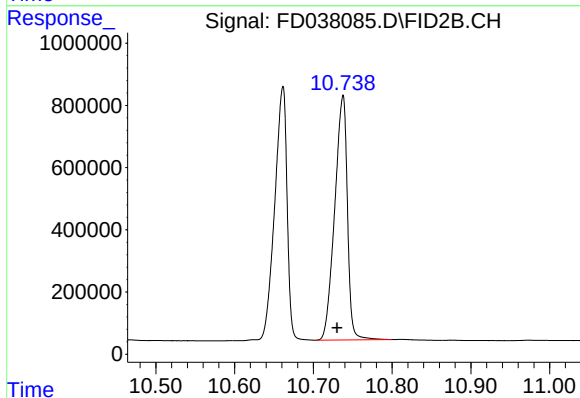
#9 Phenanthrene (C19.36)

R.T.: 10.662 min
Delta R.T.: 0.007 min
Response: 8893906
Conc: 61.53 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

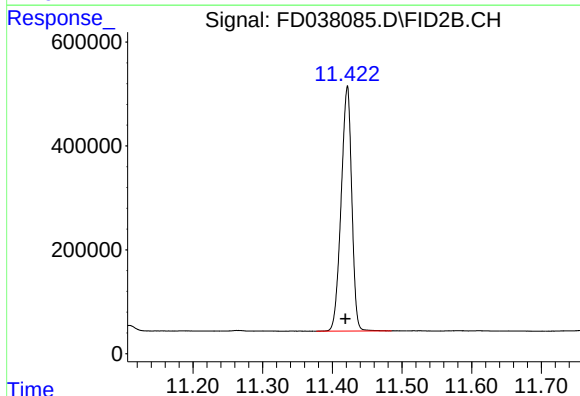
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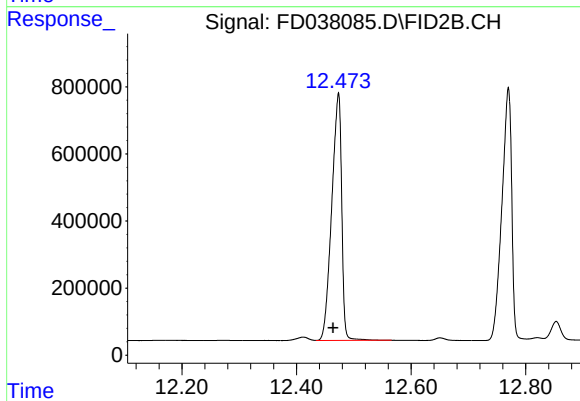
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.007 min
Response: 8808533
Conc: 62.26 ug/ml



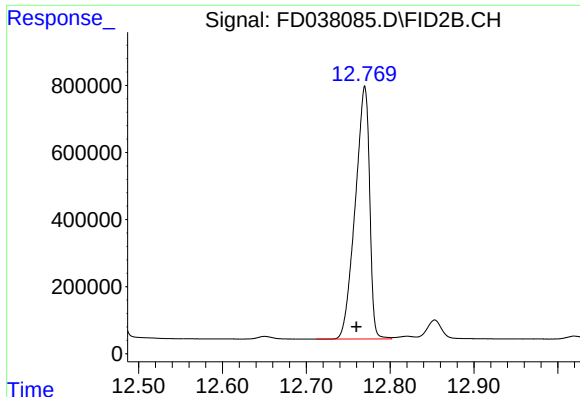
#11 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: 0.003 min
Response: 4981005
Conc: 32.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.473 min
Delta R.T.: 0.009 min
Response: 8879725
Conc: 61.29 ug/ml



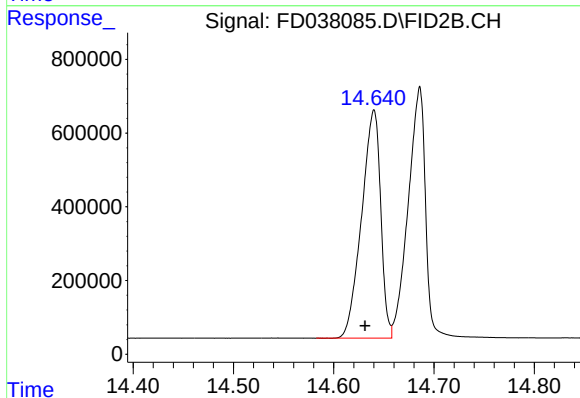
#13 Pyrene (C20.8)

R.T.: 12.770 min
Delta R.T.: 0.010 min
Response: 8980278
Conc: 63.02 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

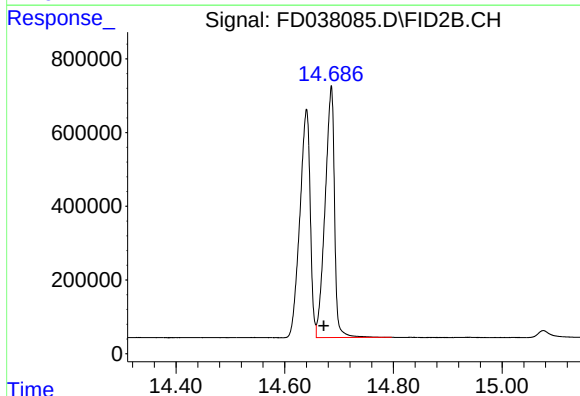
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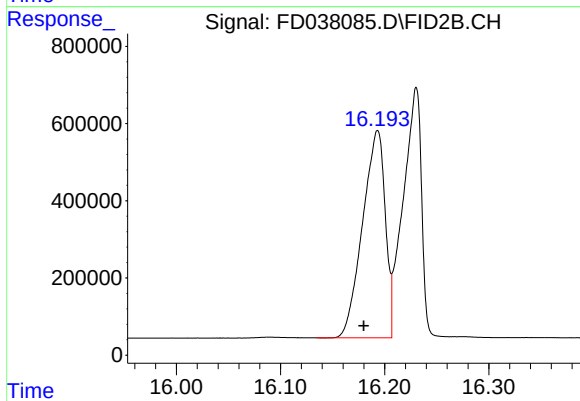
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.009 min
Response: 8172545
Conc: 64.01 ug/ml



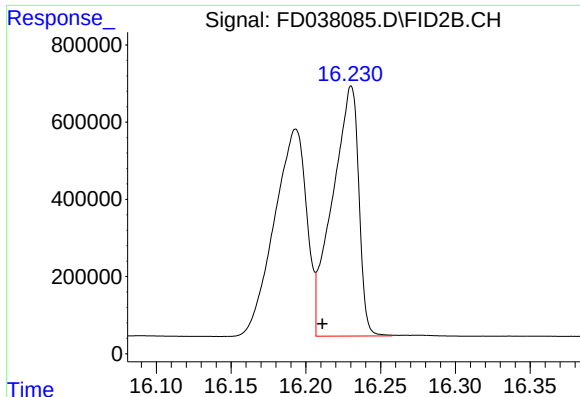
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.014 min
Response: 8225967
Conc: 58.10 ug/ml



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

R.T.: 16.193 min
Delta R.T.: 0.013 min
Response: 8100714
Conc: 64.96 ug/ml



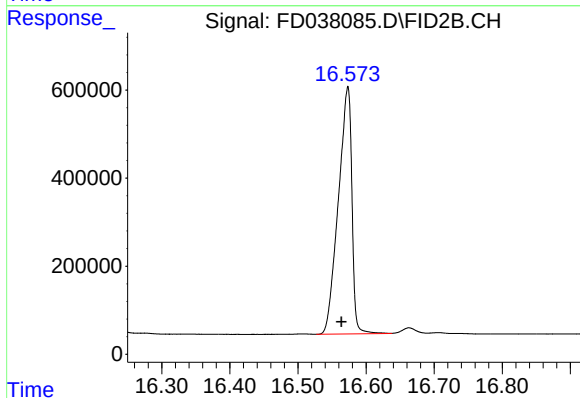
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.230 min
Delta R.T.: 0.019 min
Response: 7888643
Conc: 60.14 ug/ml m

Instrument :
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ClientSampleId :
4MS

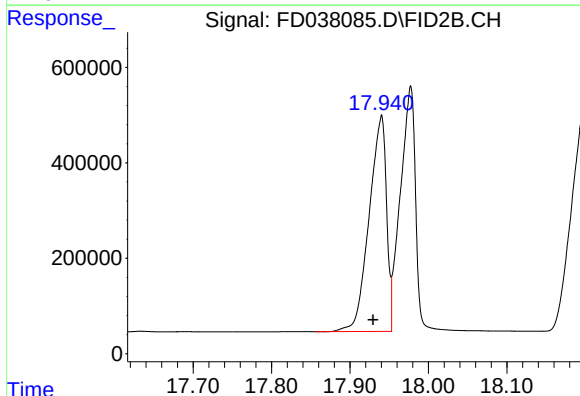
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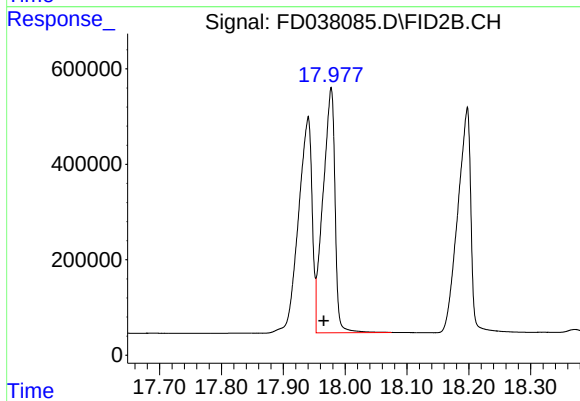
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.009 min
Response: 7769924
Conc: 66.24 ug/ml



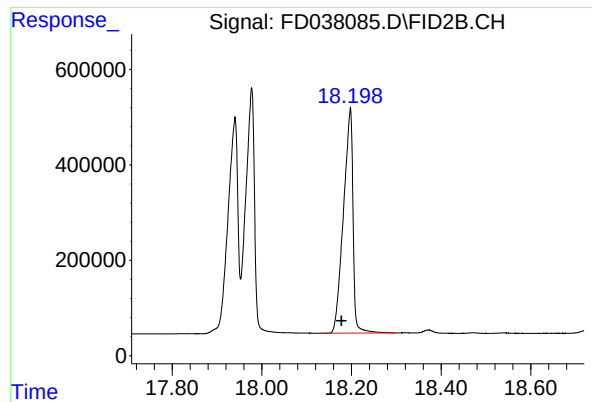
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.011 min
Response: 6950119
Conc: 67.15 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.012 min
Response: 6922758
Conc: 58.73 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.019 min
Response: 6977328
Conc: 63.92 ug/ml

Instrument :
FID_D
ClientSampleId :
4MS

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