

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022019AR\
 Data File : FD027868.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2019 18:04
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Sohil
 2/22/2019 8:15:20 AM

Integration File: autoint1.e
 Quant Time: Feb 20 23:42:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 2019
 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...	7.338	1683569	22.677 ug/ml
Spiked Amount 50.000		Recovery =	45.35%
6) S 2-Fluorobiphenyl (SURR)	8.186	1086014	21.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.69%
11) S ortho-Terphenyl (SURR)	11.221	1708718	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1801665	22.796 ug/ml
2) T Naphthalene (C11.7)	5.675	1948255	22.889 ug/mlm
3) T 2-Methylnaphthalene (...)	6.724	1900243	22.524 ug/mlm
5) T Acenaphthylene (C15.06)	7.989	1783197	21.297 ug/mlm
7) T Acenaphthene (C15.5)	8.283	1843947	20.978 ug/mlm
8) T Flouorene (C16.55)	9.060	1782148	20.435 ug/mlm
9) T Phenanthrene (C19.36)	10.446	1630965	18.567 ug/mlm
10) T Anthracene (C19.43)	10.520	1634311	18.914 ug/mlm
12) T Fluoranthene (C21.85)	12.246	1655436	18.491 ug/mlm
13) T Pyrene (C20.8)	12.540	1685298	18.992 ug/ml
14) T Benzo[a]anthracene (C...	14.404	1740076	19.461 ug/mlm
15) T Chrysene (C27.41)	14.446	1872604	20.620 ug/ml
16) T benzo[b]fluoranthene ...	15.945	1783837	18.265 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.977	1815136	18.358 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.319	1846335	18.883 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.680	1835137	18.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.719	1757107	17.864 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.930	1816804	17.921 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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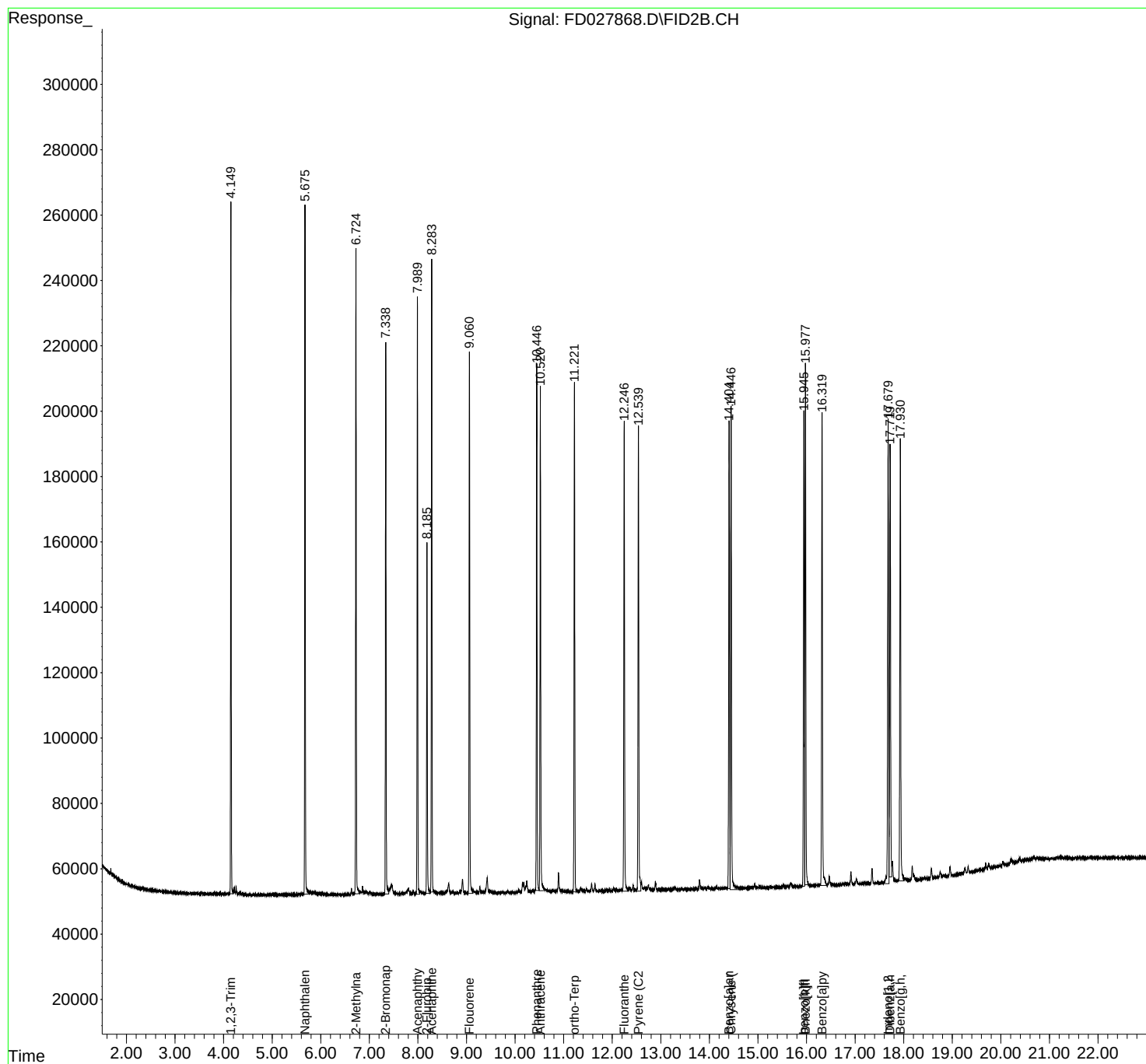
Instrument :
FID_D
ClientSampleId :

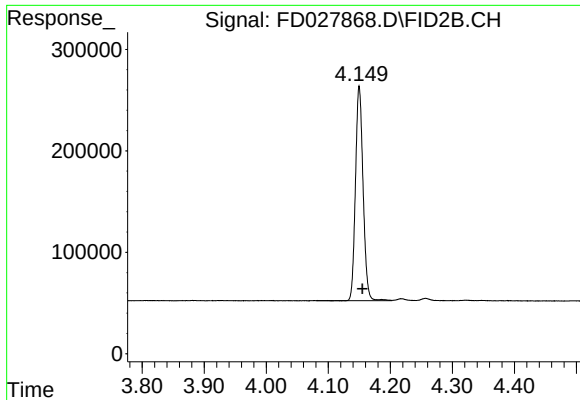
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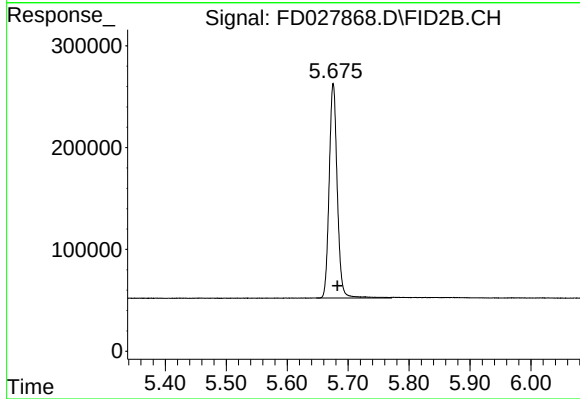
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1801665
Conc: 22.80 ug/ml

Instrument :
FID_D
ClientSampleId :

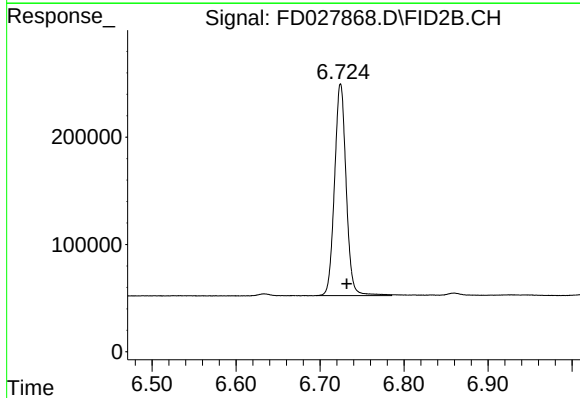
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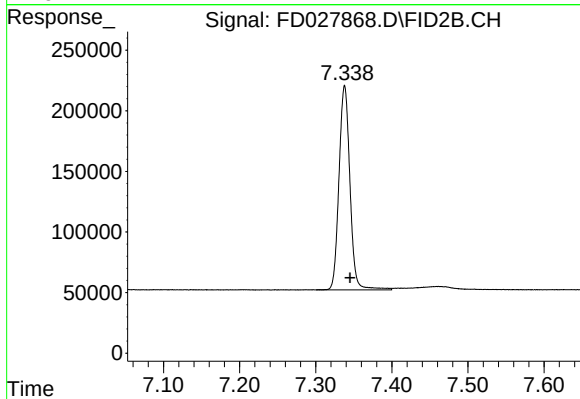
#2 Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 1948255
Conc: 22.89 ug/ml m



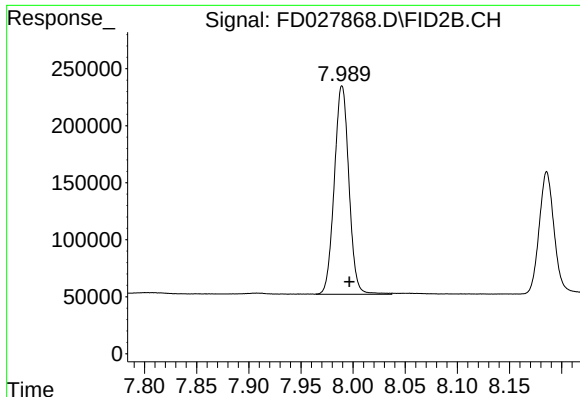
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 1900243
Conc: 22.52 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 1683569
Conc: 22.68 ug/ml



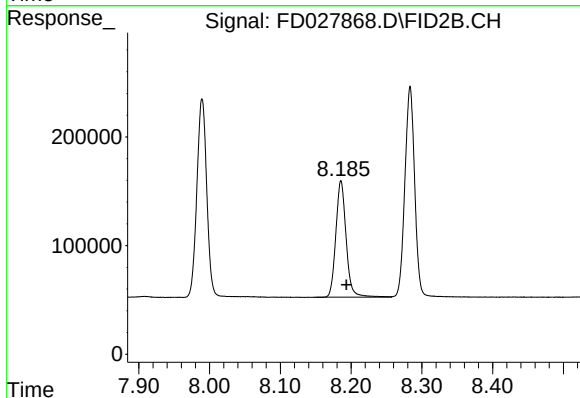
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.008 min
Response: 1783197
Conc: 21.30 ug/ml m

Instrument :
FID_D
ClientSampleId :

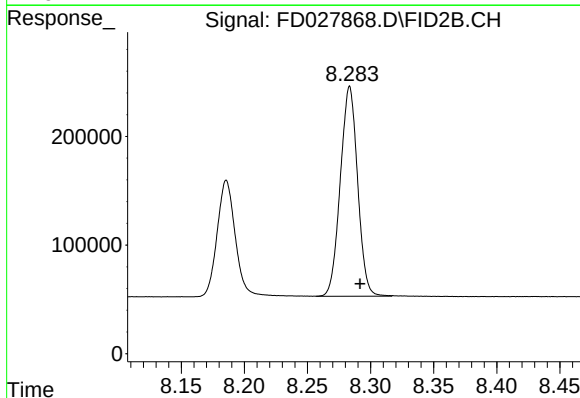
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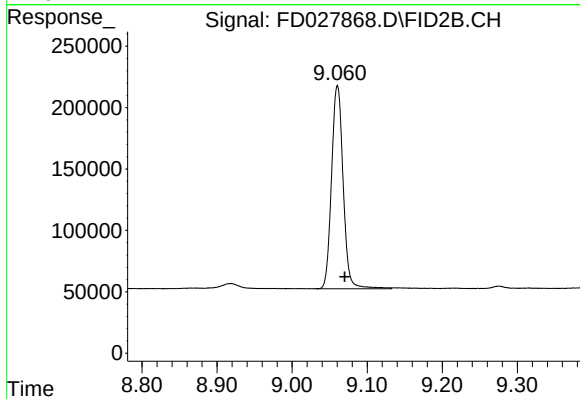
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.008 min
Response: 1086014
Conc: 21.35 ug/ml



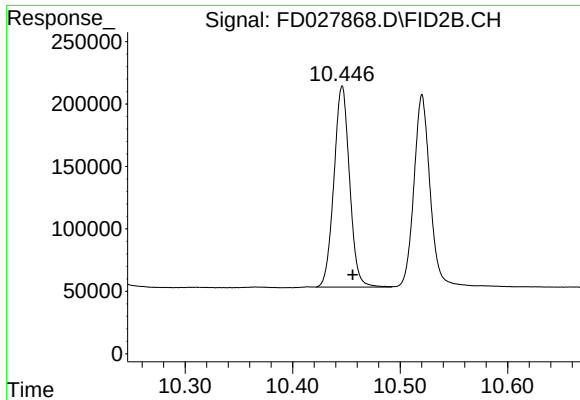
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.009 min
Response: 1843947
Conc: 20.98 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.010 min
Response: 1782148
Conc: 20.44 ug/ml m



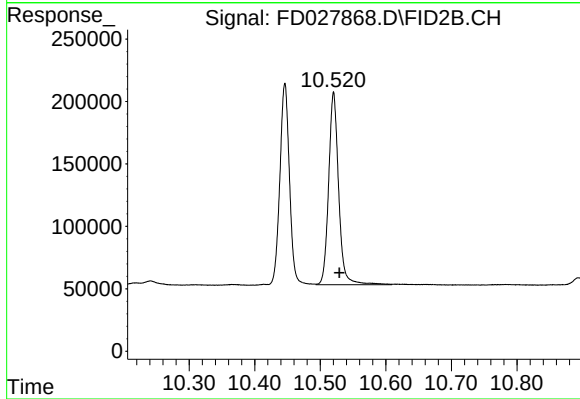
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.010 min
Response: 1630965
Conc: 18.57 ug/ml m

Instrument :
FID_D
ClientSampleId :

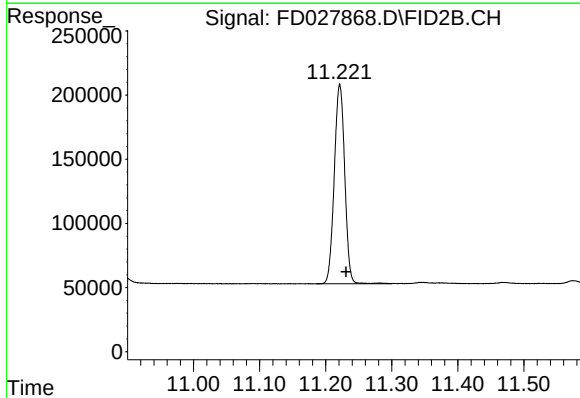
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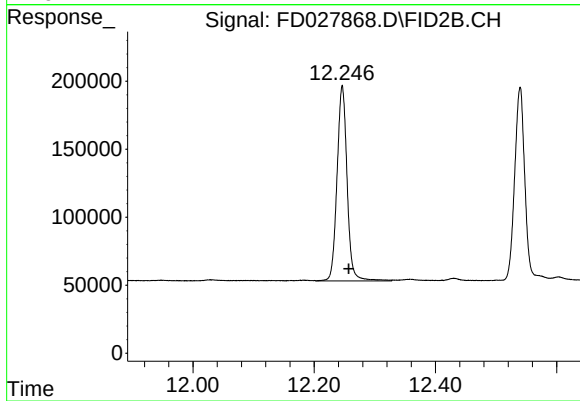
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1634311
Conc: 18.91 ug/ml m



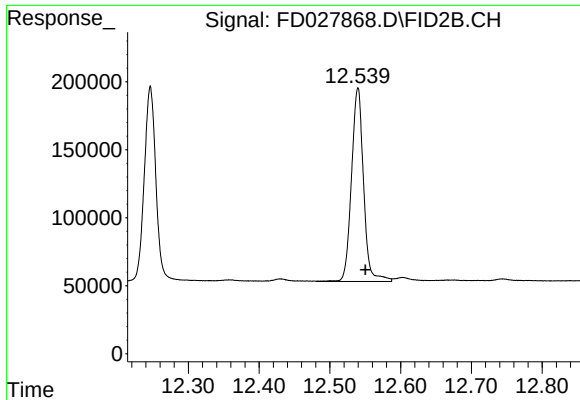
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 1708718
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.246 min
Delta R.T.: -0.011 min
Response: 1655436
Conc: 18.49 ug/ml m



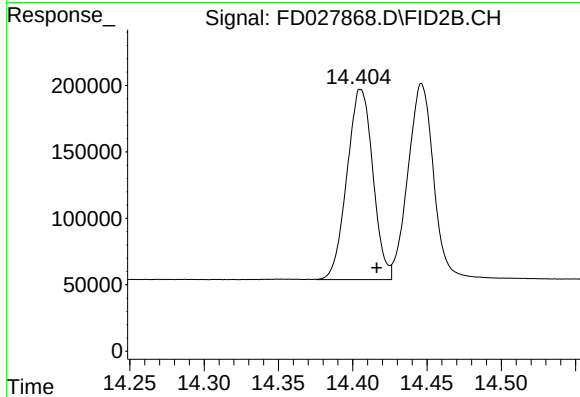
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 1685298
Conc: 18.99 ug/ml

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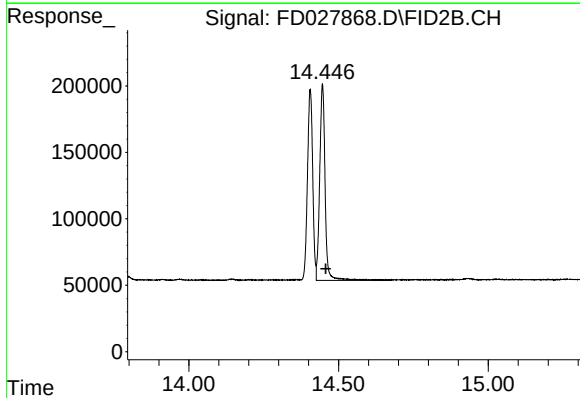
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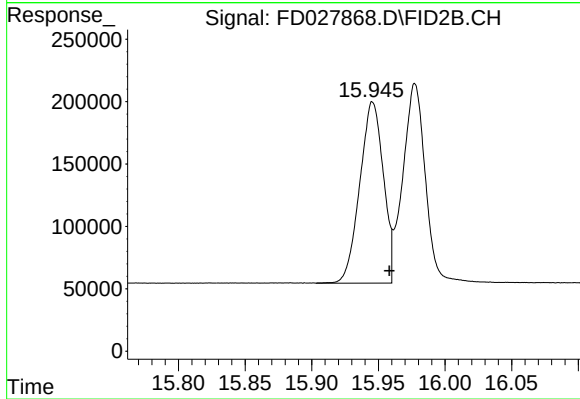
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.012 min
Response: 1740076
Conc: 19.46 ug/ml m



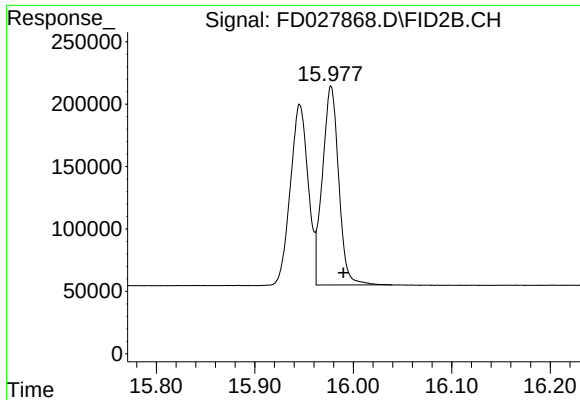
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.011 min
Response: 1872604
Conc: 20.62 ug/ml



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

R.T.: 15.945 min
Delta R.T.: -0.013 min
Response: 1783837
Conc: 18.26 ug/ml m



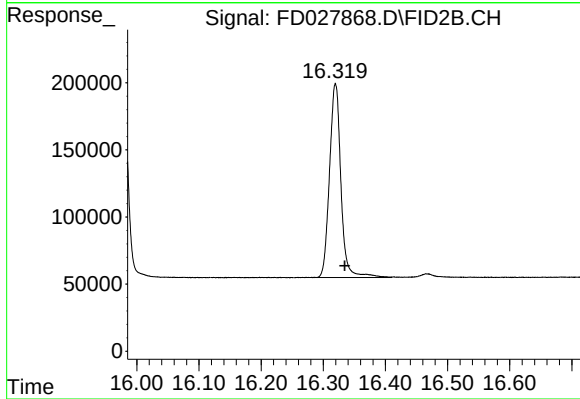
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.977 min
Delta R.T.: -0.013 min
Response: 1815136
Conc: 18.36 ug/ml m

Instrument :
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ClientSampleId :

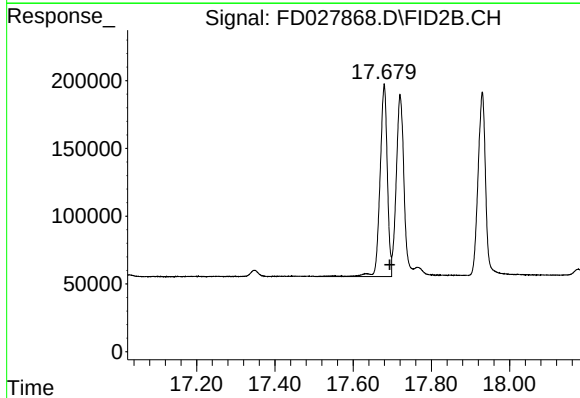
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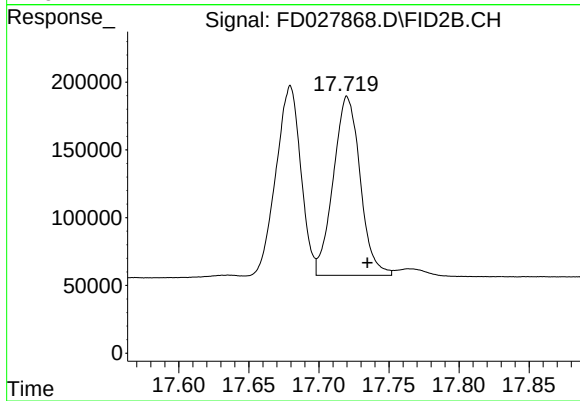
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.319 min
Delta R.T.: -0.015 min
Response: 1846335
Conc: 18.88 ug/ml m



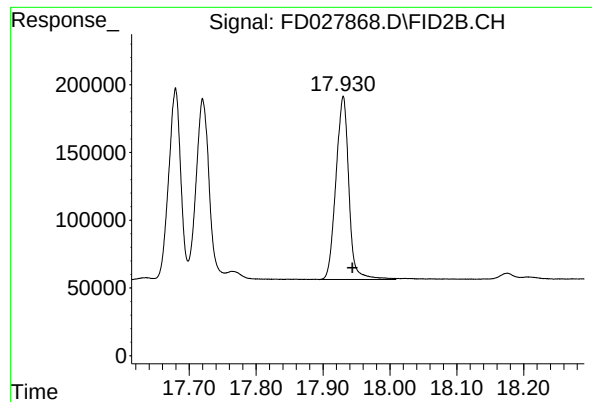
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.680 min
Delta R.T.: -0.014 min
Response: 1835137
Conc: 18.51 ug/ml



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

R.T.: 17.719 min
Delta R.T.: -0.015 min
Response: 1757107
Conc: 17.86 ug/ml m



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

R.T.: 17.930 min
Delta R.T.: -0.014 min
Response: 1816804
Conc: 17.92 ug/ml m

Instrument :
FID_D
ClientSampleId :

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