

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023043.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2018 23:14
 Operator : UA/AJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 4/19/2018 3:24:38 PM

Integration File: autoint1.e
 Quant Time: Apr 17 11:01:32 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:01:08 2018
 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...	7.310	713080	5.258 ug/ml
Spiked Amount 50.000		Recovery =	10.52%
6) S 2-Fluorobiphenyl (SURR)	8.188	233962	3.283 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.57%
11) S ortho-Terphenyl (SURR)	11.177	749651	5.362 ug/ml
Spiked Amount 50.000		Recovery =	10.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.111	723570	5.191 ug/ml
2) T Naphthalene (C11.7)	5.653	624895	4.566 ug/ml
3) T 2-Methylnaphthalene (...)	6.702	649490	4.767 ug/mlm
5) T Acenaphthylene (C15.06)	7.963	773769	5.294 ug/ml
7) T Acenaphthene (C15.5)	8.248	1048438	6.206 ug/ml
8) T Flouorene (C16.55)	9.044	752838	5.257 ug/ml
9) T Phenanthrene (C19.36)	10.439	642984	4.844 ug/ml
10) T Anthracene (C19.43)	10.523	808901	5.781 ug/ml
12) T Fluoranthene (C21.85)	12.249	730592	5.319 ug/ml
13) T Pyrene (C20.8)	12.541	786699	5.573 ug/ml
14) T Benzo[a]anthracene (C...	14.422	545497	4.391 ug/ml
15) T Chrysene (C27.41)	14.466	946505	6.114 ug/ml
16) T benzo[b]fluoranthene ...	15.978	607124	4.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	973763	5.901 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.379	734846	5.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	525813	4.052 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	1054557	6.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	772770	5.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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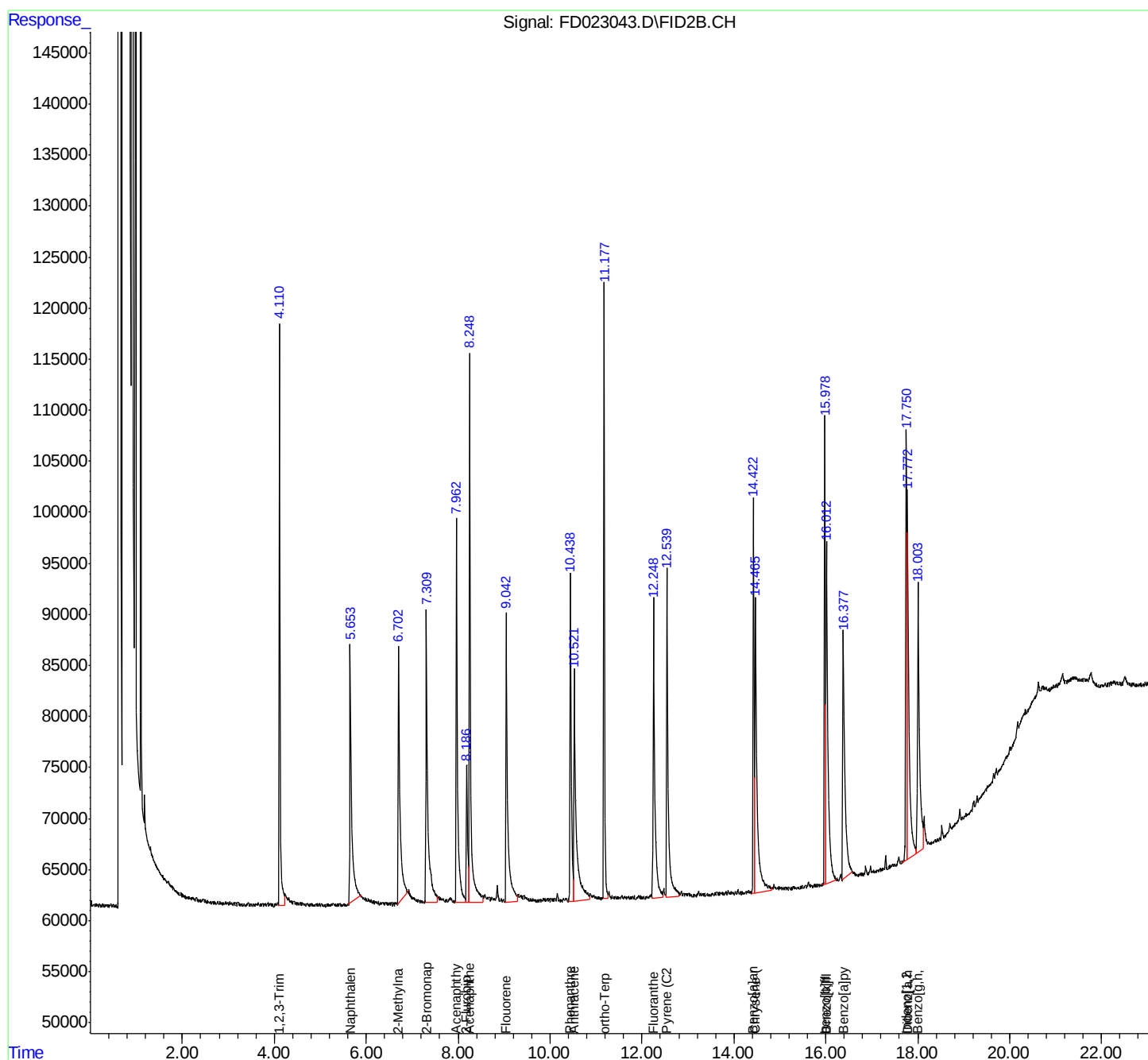
Instrument :
FID_D
ClientSampled :

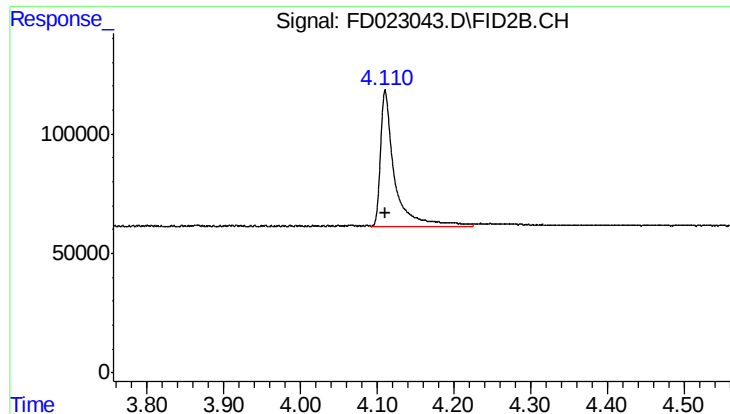
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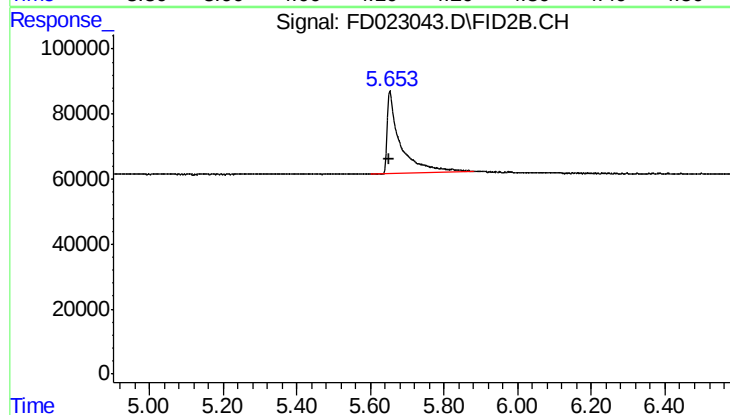
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 723570
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :

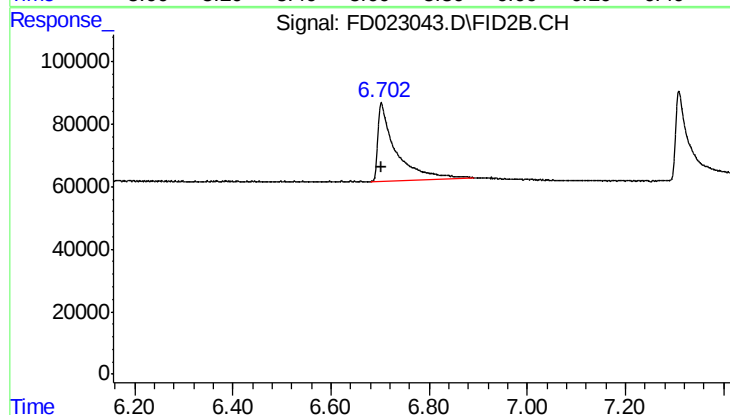
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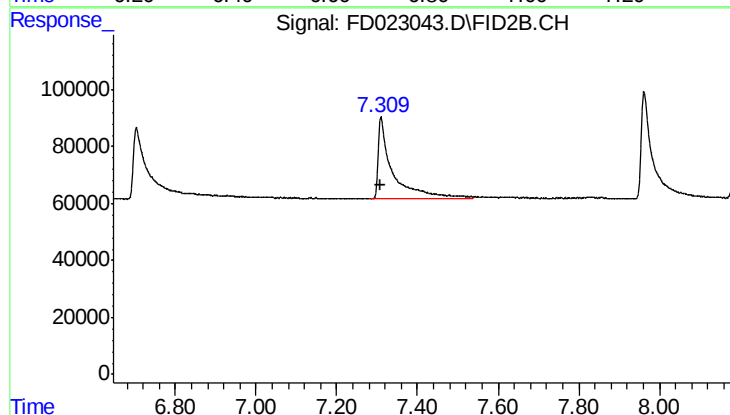
#2 Naphthalene (C11.7)

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 624895
Conc: 4.57 ug/ml



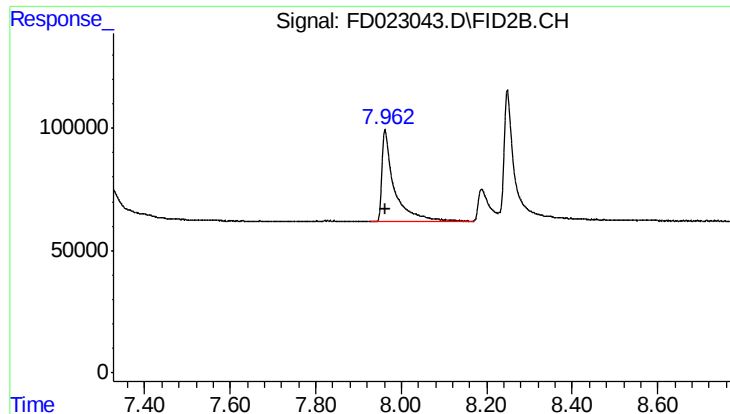
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 649490
Conc: 4.77 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 713080
Conc: 5.26 ug/ml



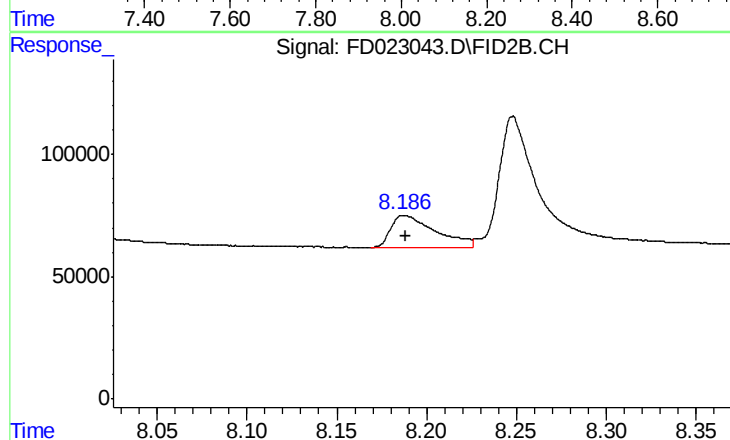
#5 Acenaphthylene (C15.06)

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 773769
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :

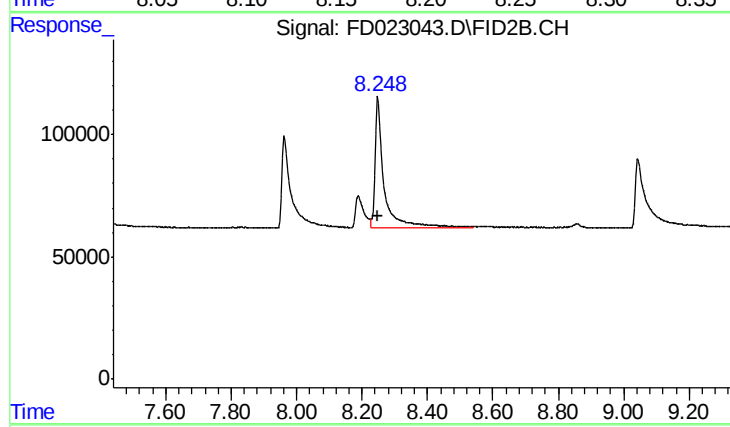
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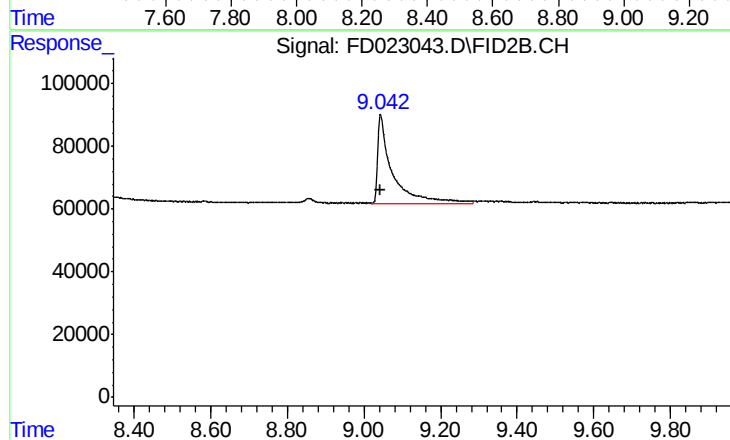
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 233962
Conc: 3.28 ug/ml



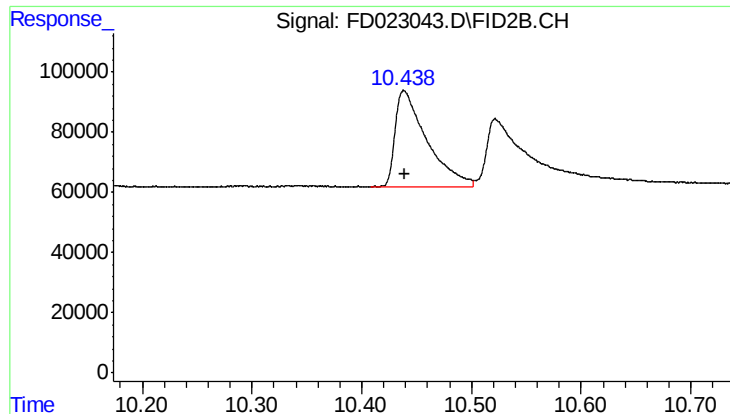
#7 Acenaphthene (C15.5)

R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 1048438
Conc: 6.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.044 min
Delta R.T.: 0.000 min
Response: 752838
Conc: 5.26 ug/ml



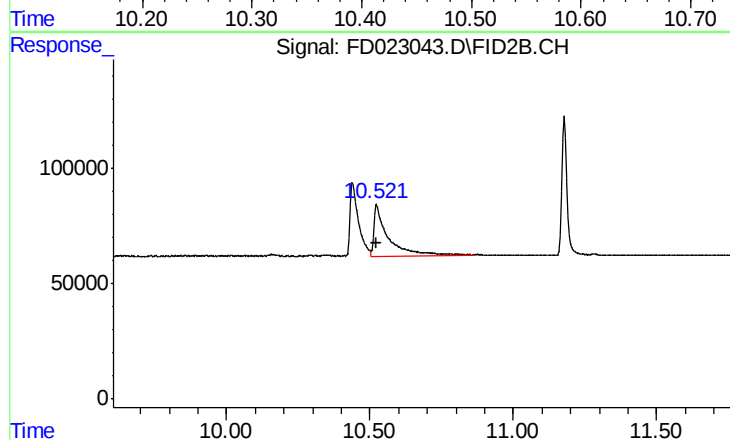
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: 0.000 min
Response: 642984
Conc: 4.84 ug/ml

Instrument :
FID_D
ClientSampleId :

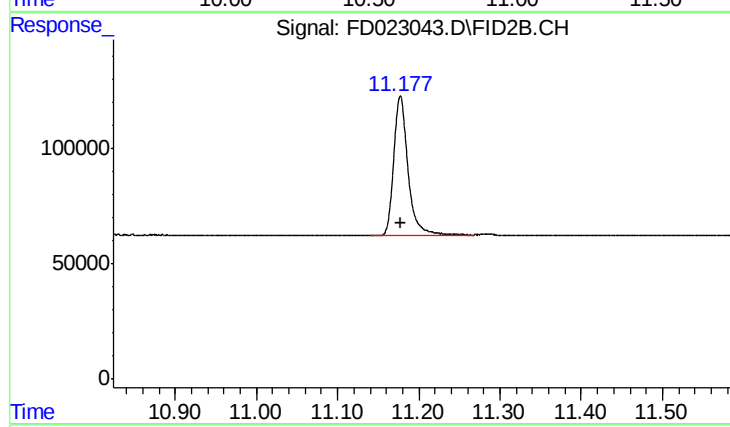
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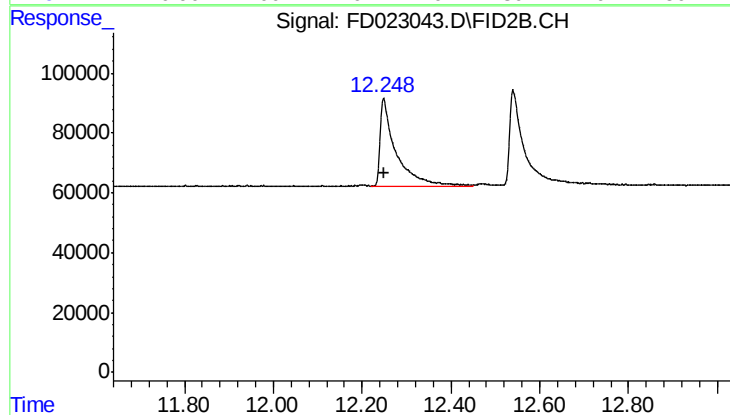
#10 Anthracene (C19.43)

R.T.: 10.523 min
Delta R.T.: 0.000 min
Response: 808901
Conc: 5.78 ug/ml



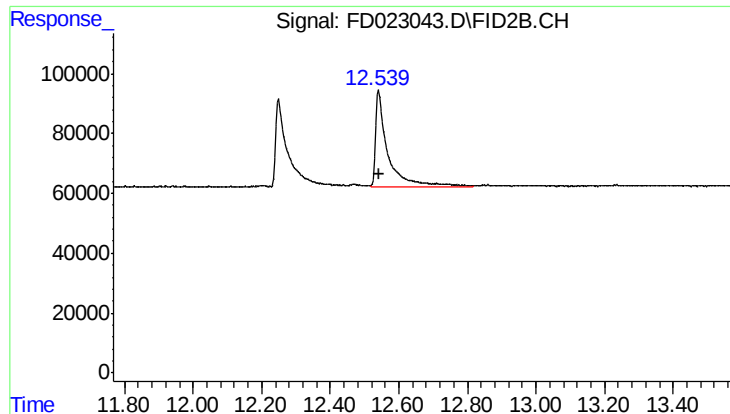
#11 ortho-Terphenyl (SURR)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 749651
Conc: 5.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: 0.000 min
Response: 730592
Conc: 5.32 ug/ml



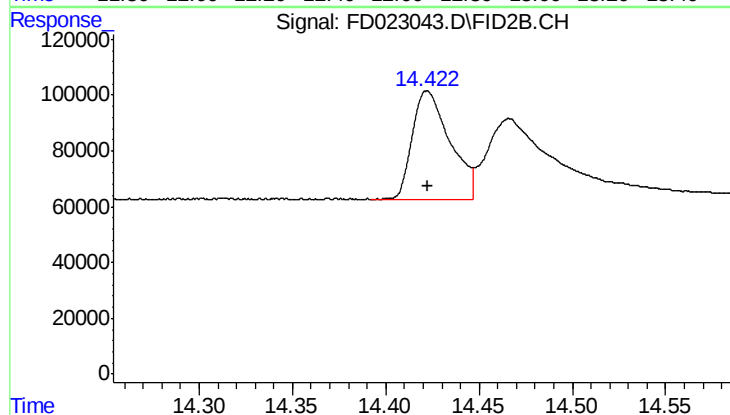
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: 0.000 min
Response: 786699
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :

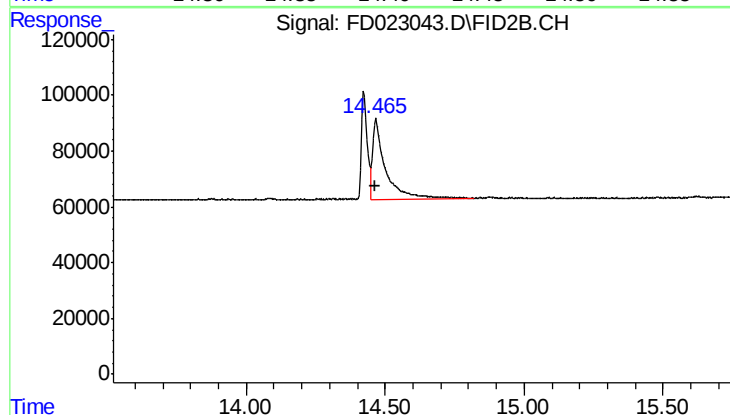
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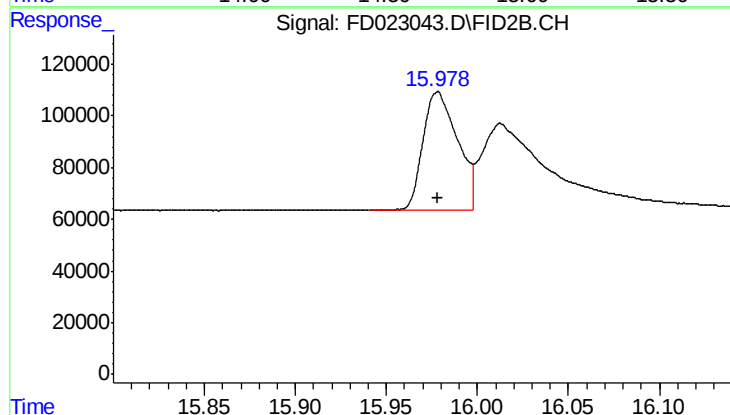
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: 0.000 min
Response: 545497
Conc: 4.39 ug/ml



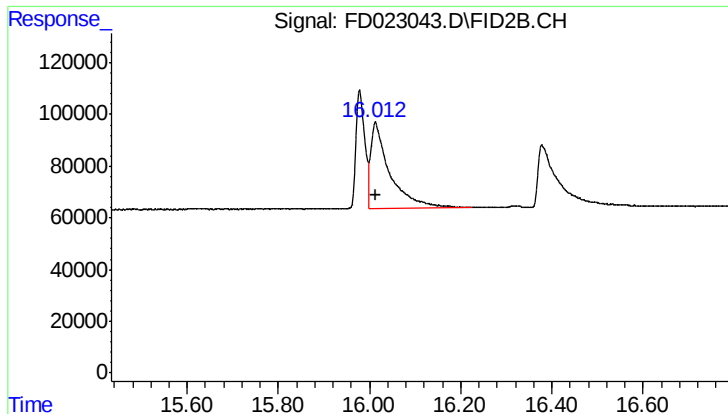
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.000 min
Response: 946505
Conc: 6.11 ug/ml



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

R.T.: 15.978 min
Delta R.T.: 0.000 min
Response: 607124
Conc: 4.50 ug/ml



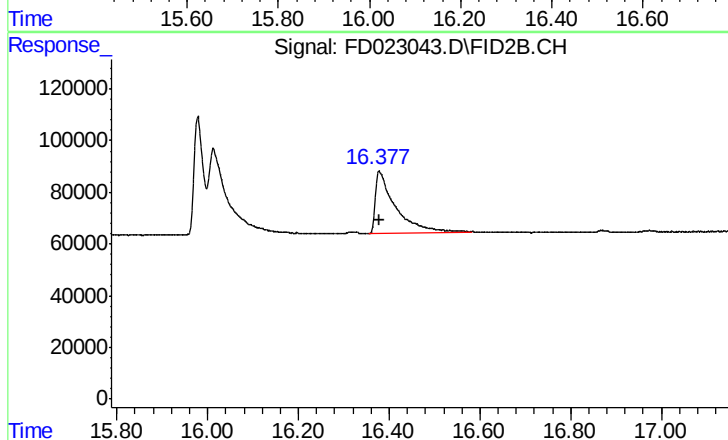
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: 0.000 min
Response: 973763
Conc: 5.90 ug/ml

Instrument :
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ClientSampleId :

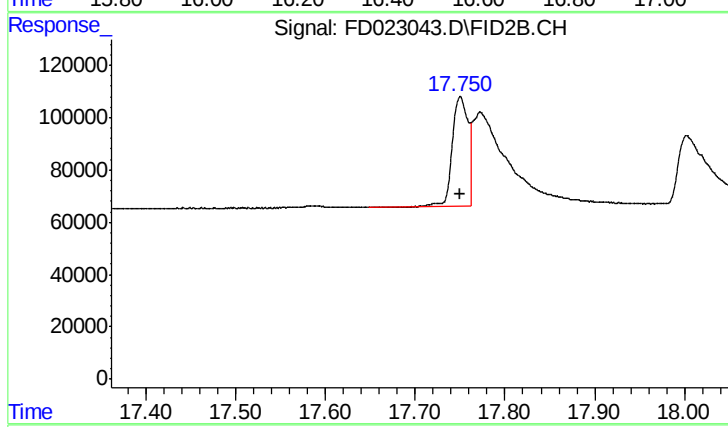
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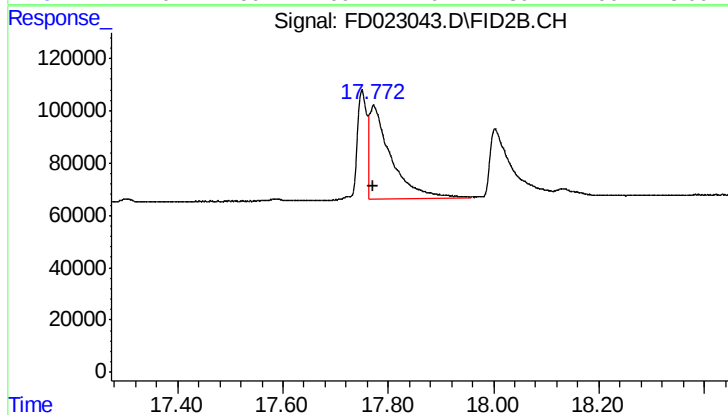
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: 0.000 min
Response: 734846
Conc: 5.10 ug/ml



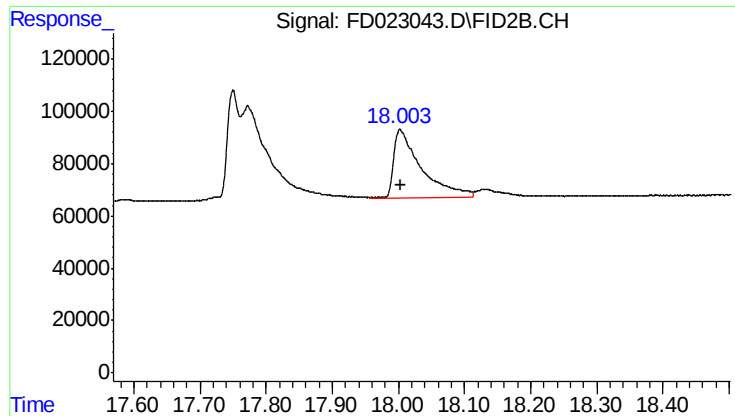
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.000 min
Response: 525813
Conc: 4.05 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.000 min
Response: 1054557
Conc: 6.35 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 772770
Conc: 5.21 ug/ml

Instrument :
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