

Data Path : P:\HPCHEM1\FID_D\Data\FD041618AR\
 Data File : FD023042.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2018 22:37
 Operator : UA/AJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampled :

Manual Integrations
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 4/19/2018 3:24:35 PM

Integration File: autoint1.e
 Quant Time: Apr 17 10:58:08 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 10:55:44 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...	7.303	1316213	9.832 ug/ml
Spiked Amount 50.000		Recovery =	19.66%
6) S 2-Fluorobiphenyl (SURR)	8.174	603004	7.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	15.58%
11) S ortho-Terphenyl (SURR)	11.176	1345724	9.803 ug/ml
Spiked Amount 50.000		Recovery =	19.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.108	1324952	9.597 ug/ml
2) T Naphthalene (C11.7)	5.644	1244765	8.901 ug/ml
3) T 2-Methylnaphthalene (...)	6.694	1189921	8.613 ug/ml
5) T Acenaphthylene (C15.06)	7.956	1391727	9.664 ug/ml
7) T Acenaphthene (C15.5)	8.246	1720259	10.837 ug/ml
8) T Flouorene (C16.55)	9.035	1364375	9.652 ug/ml
9) T Phenanthrene (C19.36)	10.428	1228155	9.182 ug/ml
10) T Anthracene (C19.43)	10.510	1322033	9.833 ug/ml
12) T Fluoranthene (C21.85)	12.241	1321561	9.777 ug/ml
13) T Pyrene (C20.8)	12.533	1408979	10.276 ug/ml
14) T Benzo[a]anthracene (C...	14.412	1115097	8.711 ug/ml
15) T Chrysene (C27.41)	14.456	1615947	11.053 ug/ml
16) T benzo[b]fluoranthene ...	15.966	1250128	9.060 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.003	1706129	11.015 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.365	1374912	9.584 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	1162546	8.612 ug/mlm
20) T Dibenz[a,h]anthracene...	17.760	1564040	9.805 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.990	1428261	9.740 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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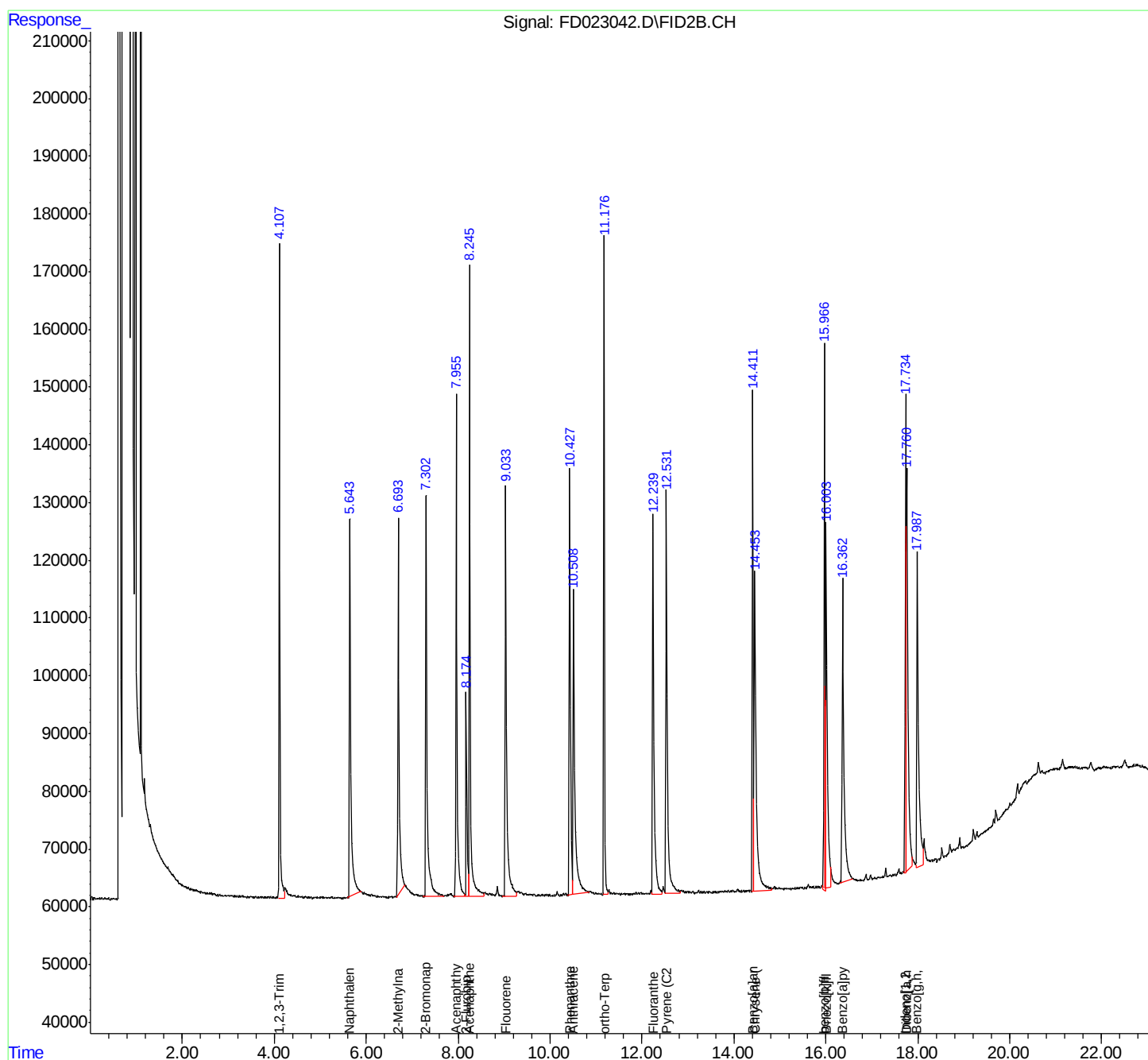
Instrument :
FID_D
ClientSampled :

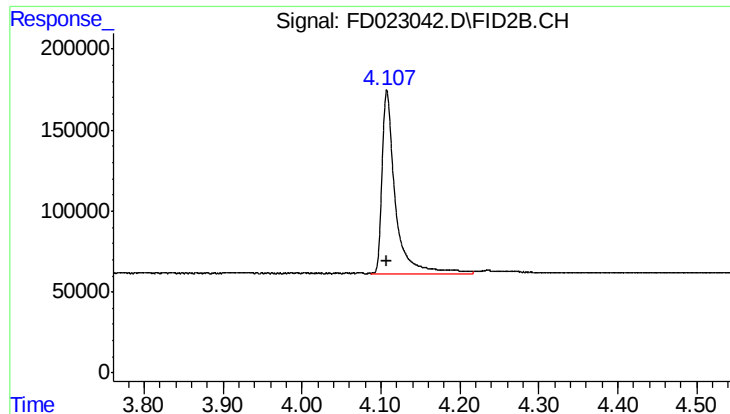
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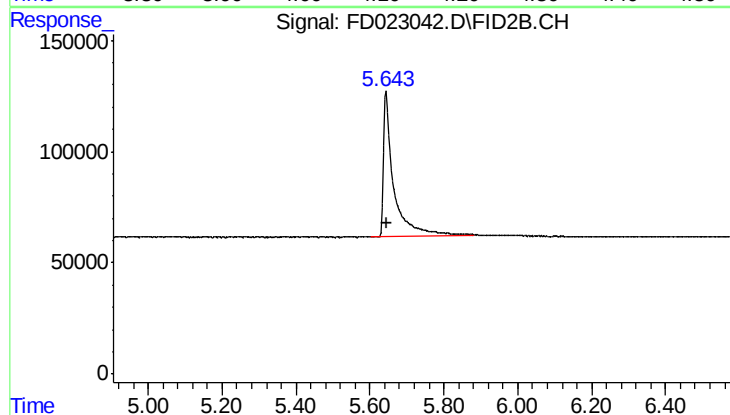
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.108 min
Delta R.T.: 0.000 min
Response: 1324952
Conc: 9.60 ug/ml

Instrument :
FID_D
ClientSampleId :

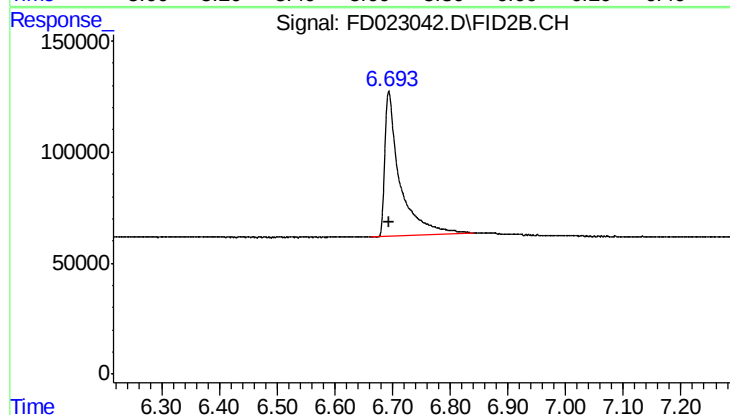
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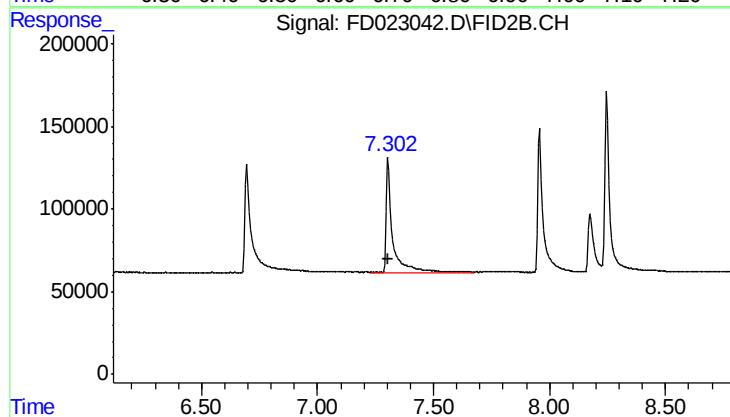
#2 Naphthalene (C11.7)

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 1244765
Conc: 8.90 ug/ml



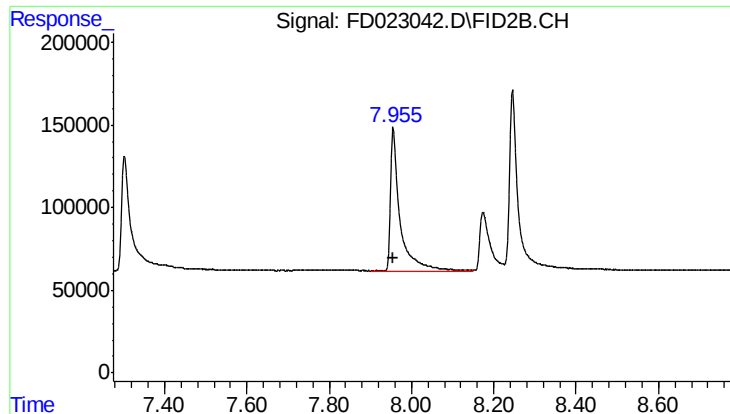
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 1189921
Conc: 8.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 1316213
Conc: 9.83 ug/ml



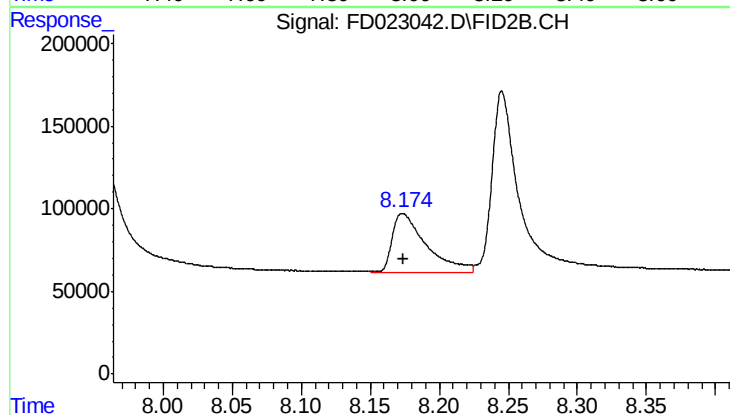
#5 Acenaphthylene (C15.06)

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 1391727
Conc: 9.66 ug/ml

Instrument :
FID_D
ClientSampleId :

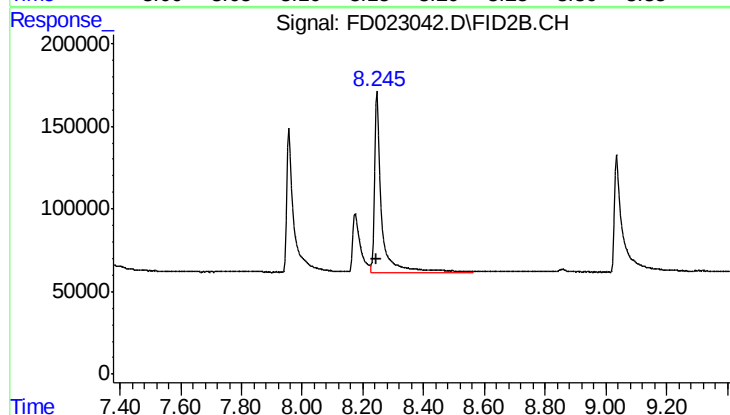
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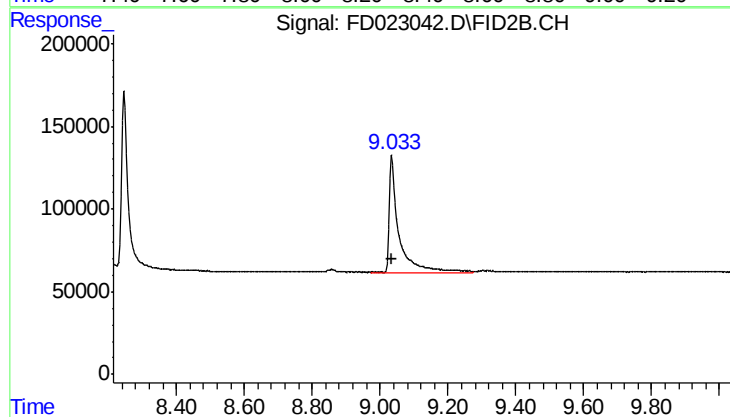
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 603004
Conc: 7.79 ug/ml



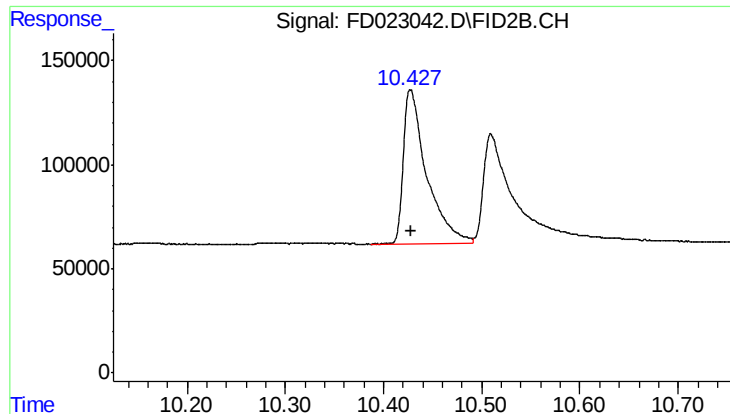
#7 Acenaphthene (C15.5)

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 1720259
Conc: 10.84 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 1364375
Conc: 9.65 ug/ml



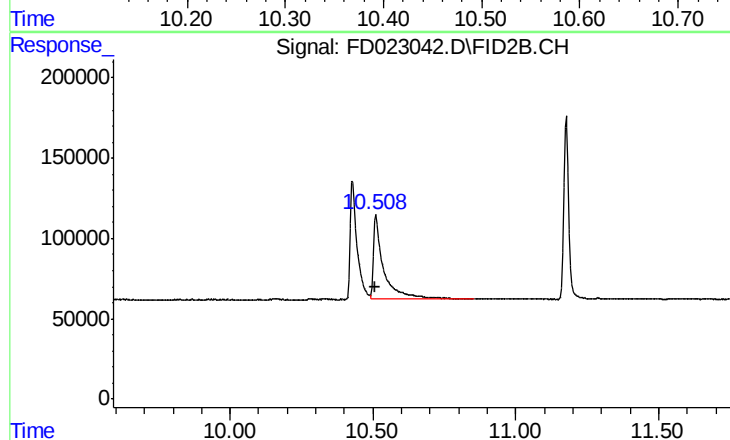
#9 Phenanthrene (C19.36)

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 1228155
Conc: 9.18 ug/ml

Instrument :
FID_D
ClientSampleId :

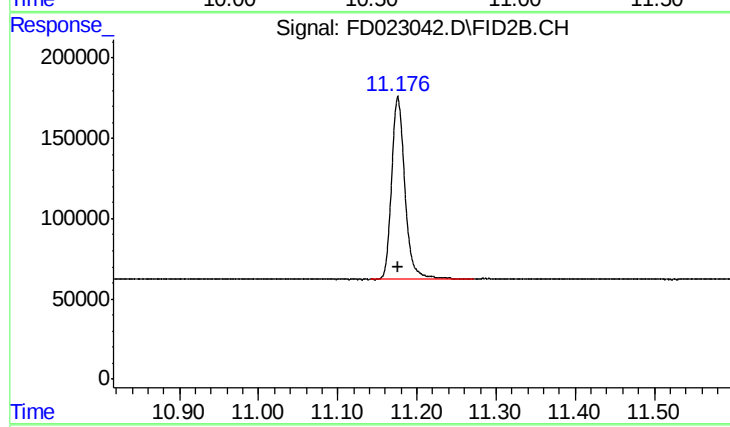
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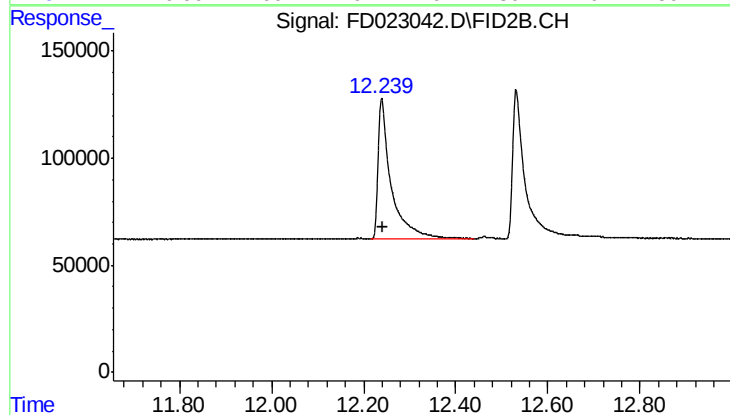
#10 Anthracene (C19.43)

R.T.: 10.510 min
Delta R.T.: 0.000 min
Response: 1322033
Conc: 9.83 ug/ml



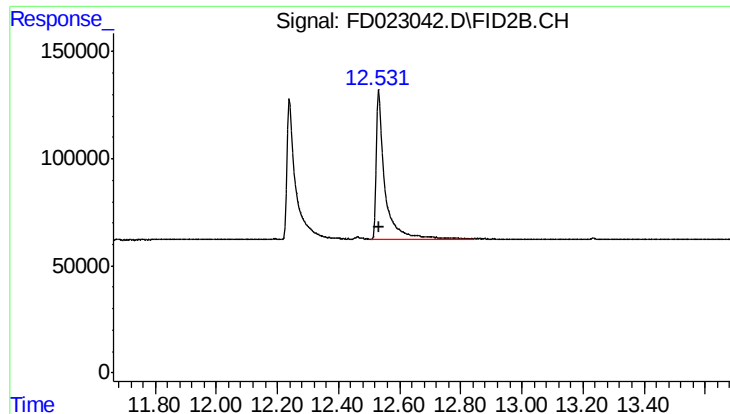
#11 ortho-Terphenyl (SURR)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 1345724
Conc: 9.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: 0.000 min
Response: 1321561
Conc: 9.78 ug/ml



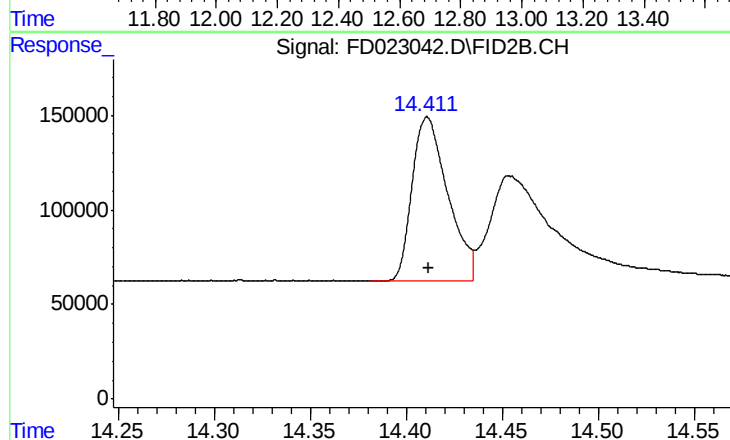
#13 Pyrene (C20.8)

R.T.: 12.533 min
Delta R.T.: 0.000 min
Response: 1408979
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :

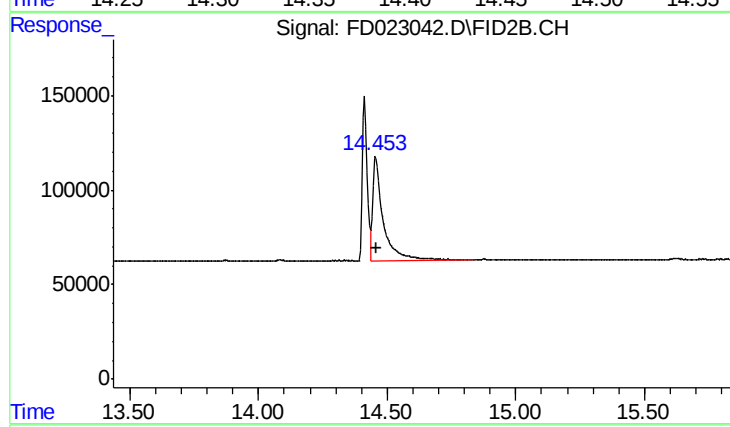
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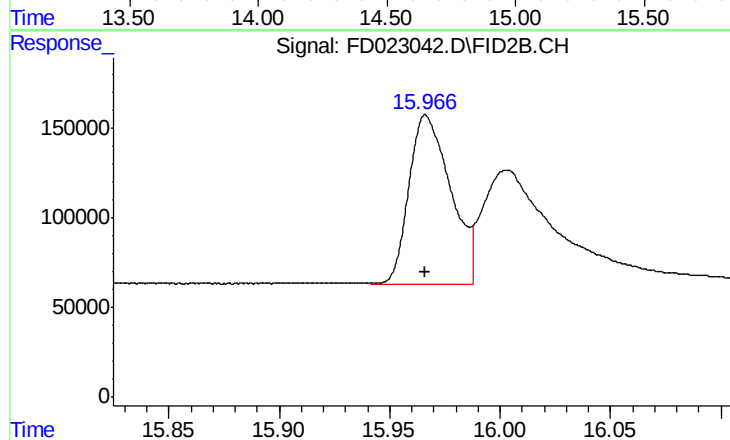
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: 0.000 min
Response: 1115097
Conc: 8.71 ug/ml



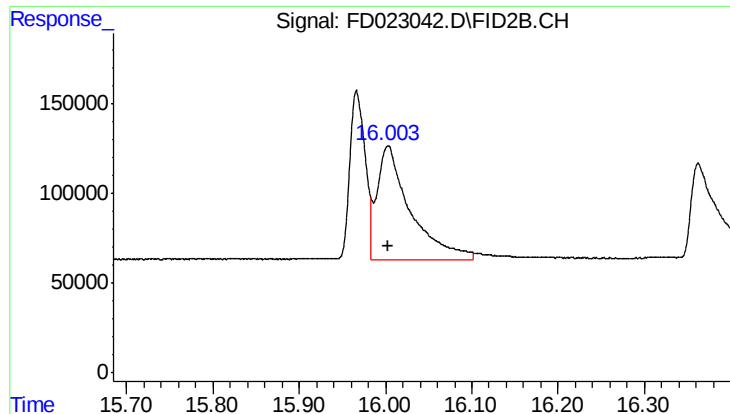
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: 0.000 min
Response: 1615947
Conc: 11.05 ug/ml



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

R.T.: 15.966 min
Delta R.T.: 0.000 min
Response: 1250128
Conc: 9.06 ug/ml m



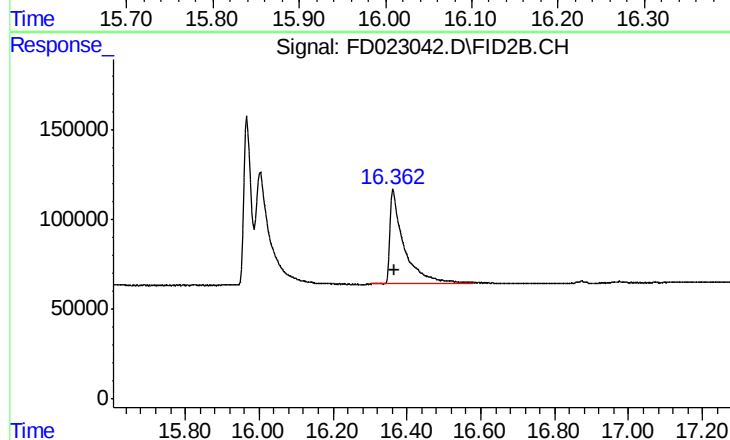
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: 0.000 min
Response: 1706129
Conc: 11.02 ug/ml

Instrument :
FID_D
ClientSampleId :

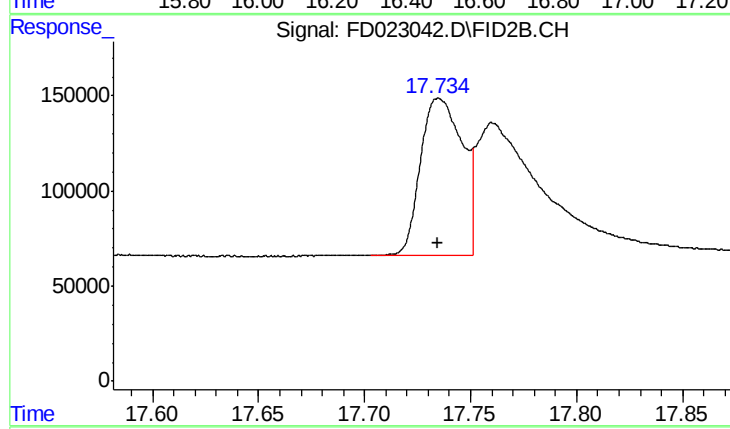
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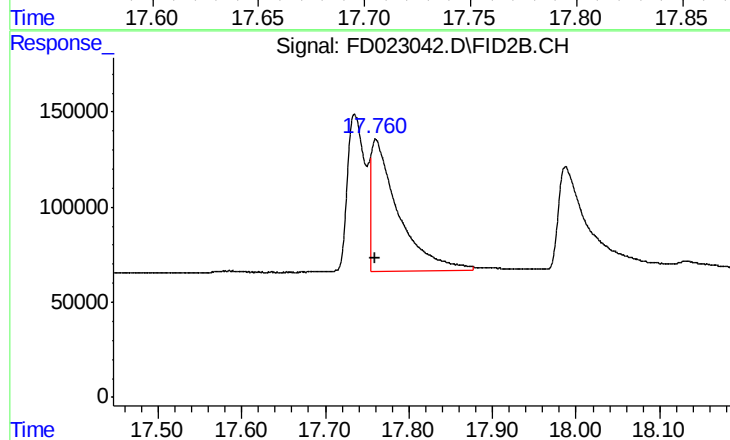
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: 0.000 min
Response: 1374912
Conc: 9.58 ug/ml



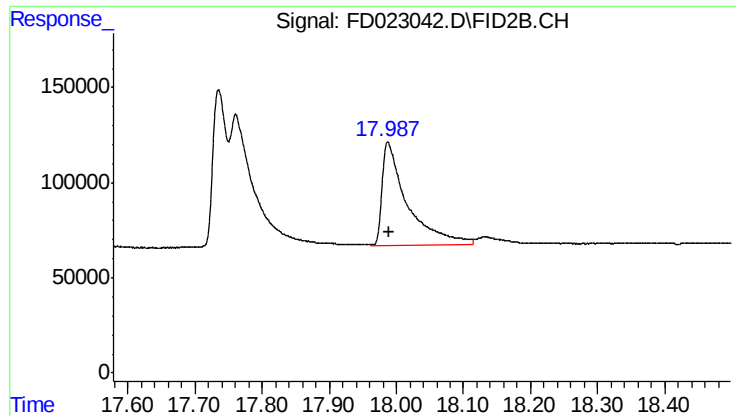
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.000 min
Response: 1162546
Conc: 8.61 ug/ml m



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

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 1564040
Conc: 9.80 ug/ml m



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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 1428261
Conc: 9.74 ug/ml

Instrument :
FID_D
ClientSampleId :

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