

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037429.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 13:05
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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 5/11/2021 1:47:41 PM

Integration File: autoint1.e
 Quant Time: May 11 04:03:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.564	4534857	38.354 ug/ml
Spiked Amount 50.000		Recovery =	76.71%
6) S 2-Fluorobiphenyl (SURR)	8.423	2244981	29.094 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	58.19%
11) S ortho-Terphenyl (SURR)	11.467	5104400	41.326 ug/ml
Spiked Amount 50.000		Recovery =	82.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	200227	1.506 ug/mlm
2) T Naphthalene (C11.7)	5.901	217220	1.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.951	222990	1.663 ug/ml
5) T Acenaphthylene (C15.06)	8.225	221646	1.772 ug/mlm
7) T Acenaphthene (C15.5)	8.520	211050	1.633 ug/ml
8) T Flouorene (C16.55)	9.300	210948	1.722 ug/ml
9) T Phenanthrene (C19.36)	10.695	216988	1.841 ug/ml
10) T Anthracene (C19.43)	10.769	207509	1.802 ug/ml
12) T Fluoranthene (C21.85)	12.506	256955	2.203 ug/ml
13) T Pyrene (C20.8)	12.802	263143	2.286 ug/ml
14) T Benzo[a]anthracene (C...	14.672	239277	2.174 ug/ml
15) T Chrysene (C27.41)	14.713	301637	2.665 ug/ml
16) T benzo[b]fluoranthene ...	16.221	268670	2.395 ug/ml
17) T Bnezo[k]fluoranthene ...	16.251	264663	2.457 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	247426	2.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	213794	2.010 ug/ml
20) T Dibenz[a,h]anthracene...	18.004	239345	2.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	247706	2.319 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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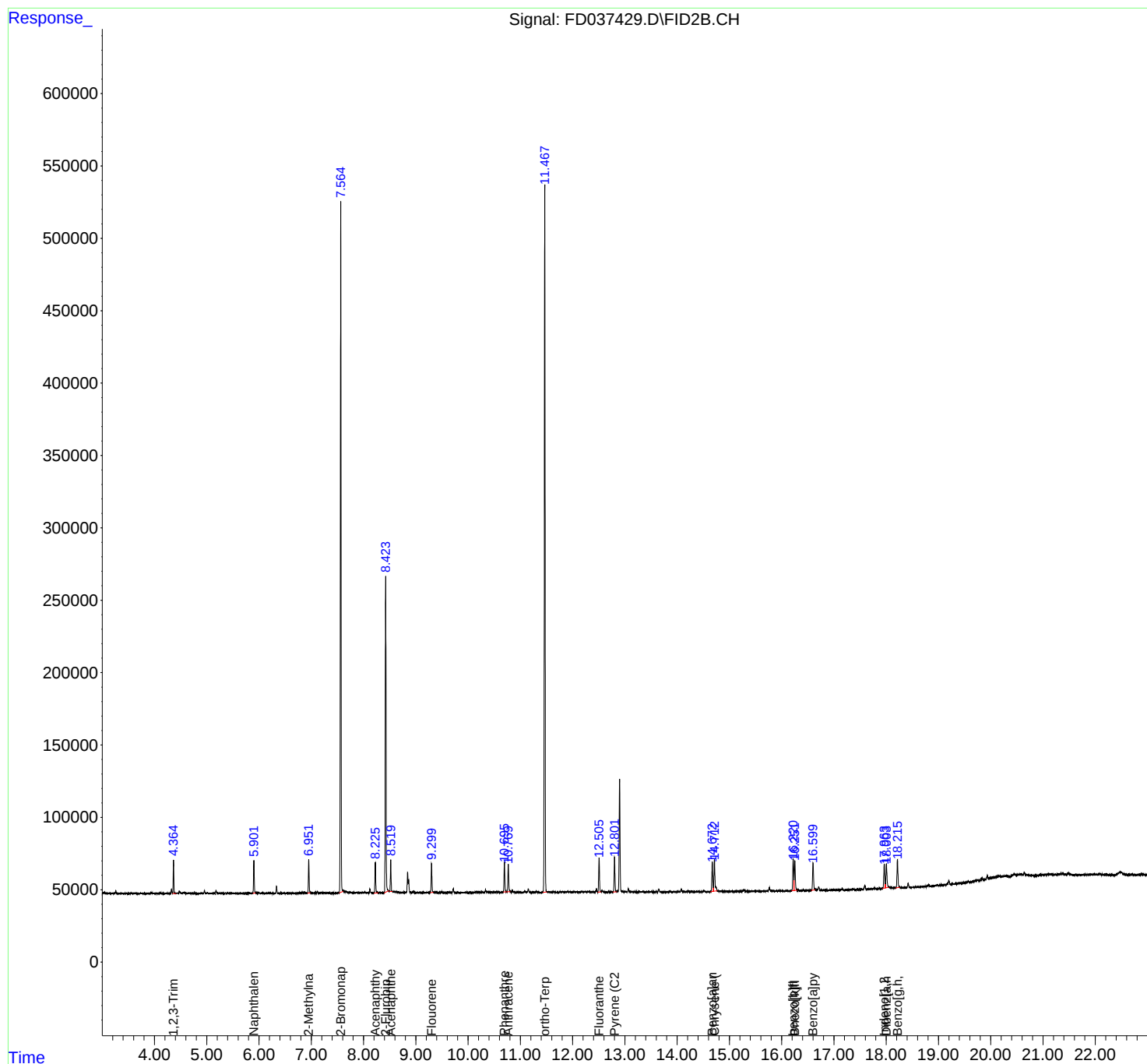
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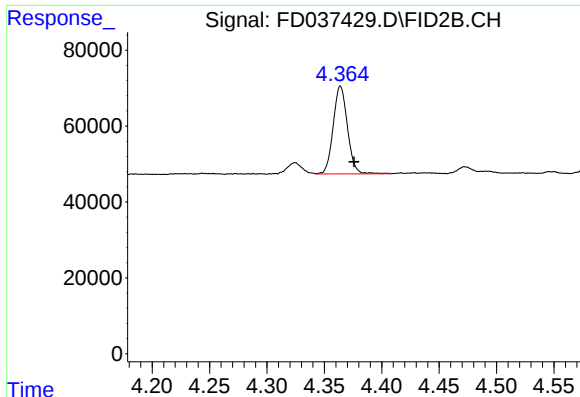
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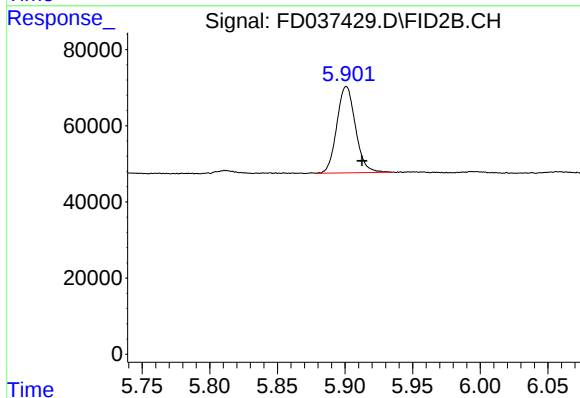
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.012 min
Response: 200227
Conc: 1.51 ug/ml m

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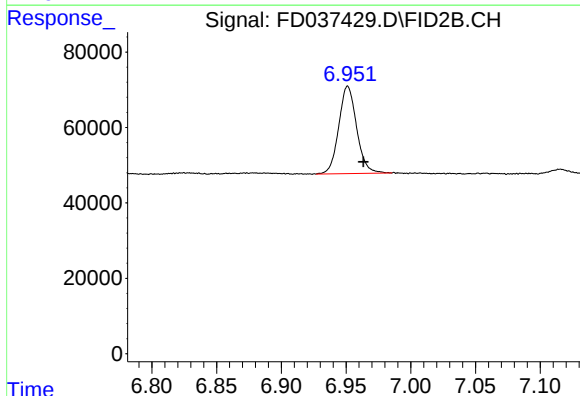
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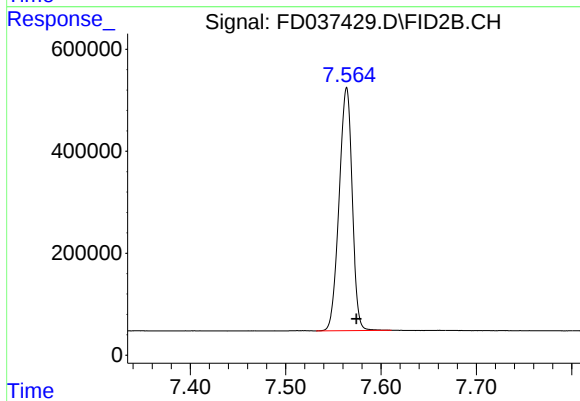
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.011 min
Response: 217220
Conc: 1.58 ug/ml



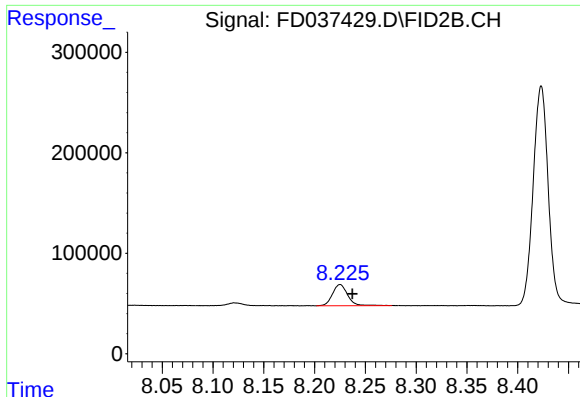
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 222990
Conc: 1.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.010 min
Response: 4534857
Conc: 38.35 ug/ml



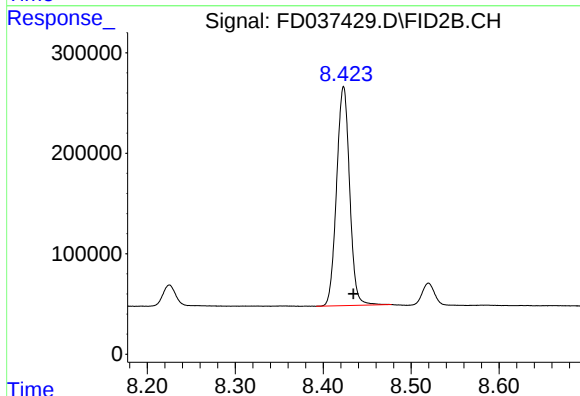
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.012 min
Response: 221646
Conc: 1.77 ug/ml m

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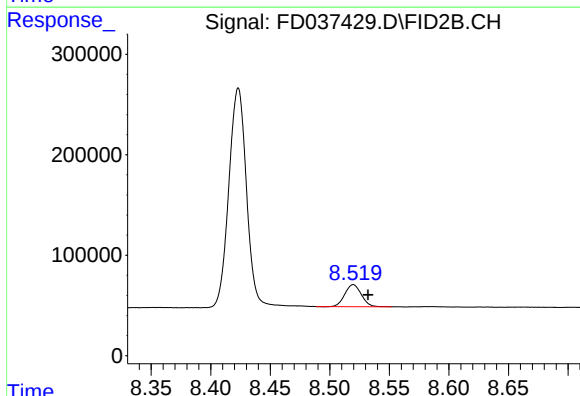
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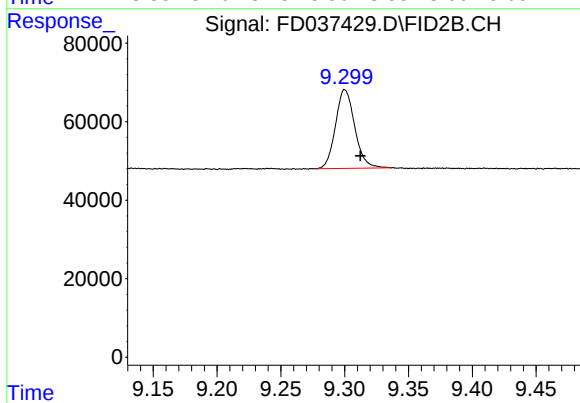
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.423 min
Delta R.T.: -0.011 min
Response: 2244981
Conc: 29.09 ug/ml



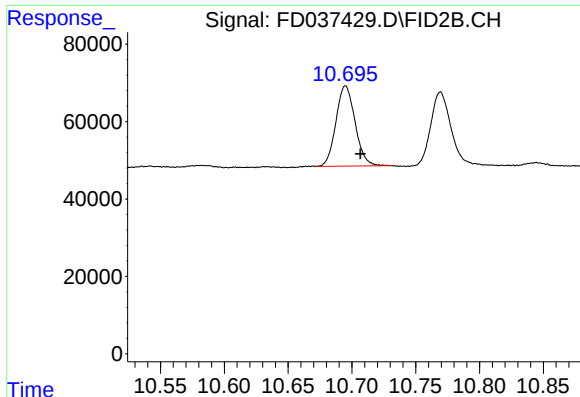
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: -0.012 min
Response: 211050
Conc: 1.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 210948
Conc: 1.72 ug/ml



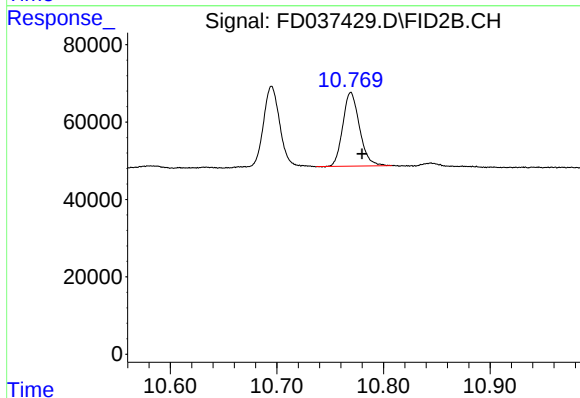
#9 Phenanthrene (C19.36)

R.T.: 10.695 min
Delta R.T.: -0.011 min
Response: 216988
Conc: 1.84 ug/ml

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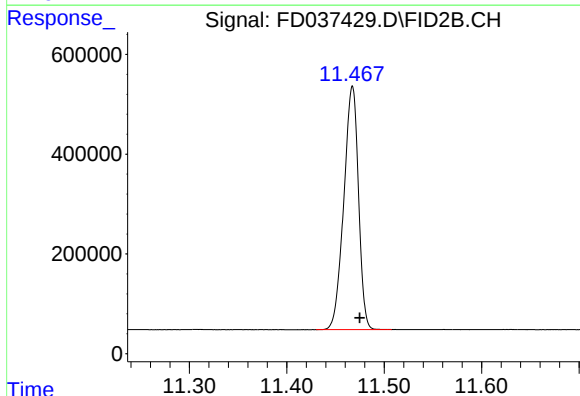
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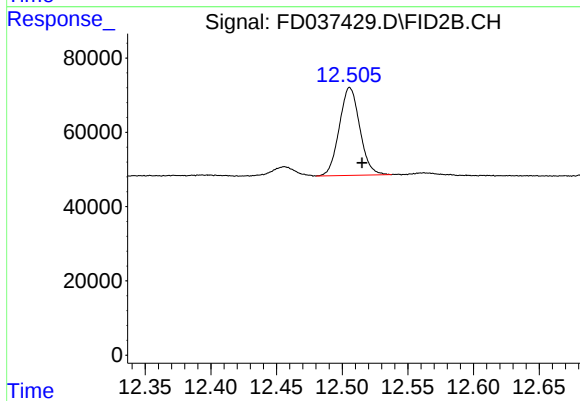
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.011 min
Response: 207509
Conc: 1.80 ug/ml



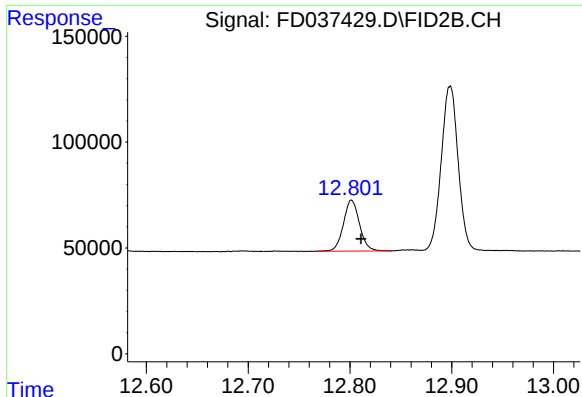
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: -0.007 min
Response: 5104400
Conc: 41.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.009 min
Response: 256955
Conc: 2.20 ug/ml



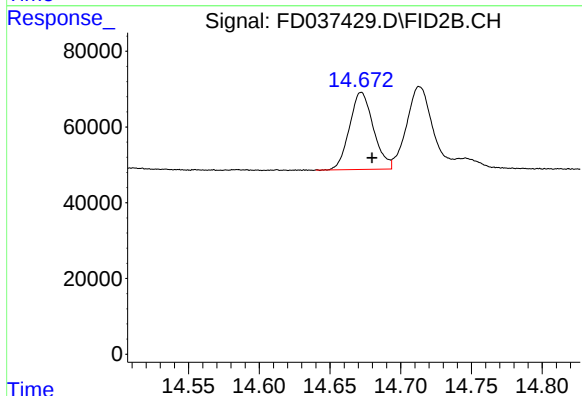
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.010 min
Response: 263143
Conc: 2.29 ug/ml

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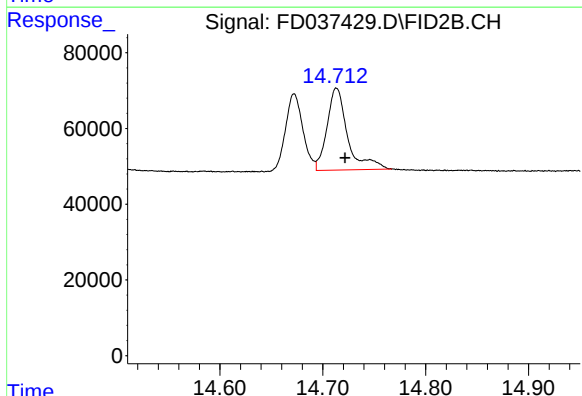
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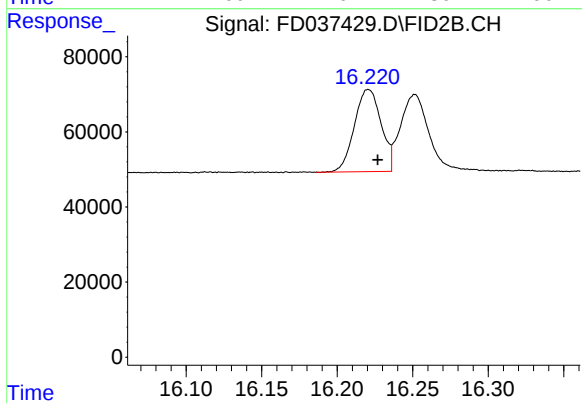
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.008 min
Response: 239277
Conc: 2.17 ug/ml



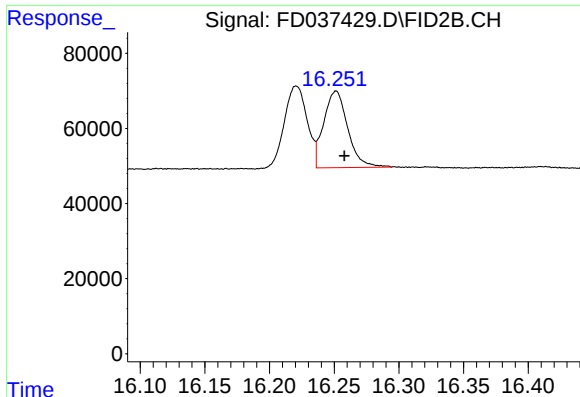
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.008 min
Response: 301637
Conc: 2.66 ug/ml



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

R.T.: 16.221 min
Delta R.T.: -0.006 min
Response: 268670
Conc: 2.40 ug/ml



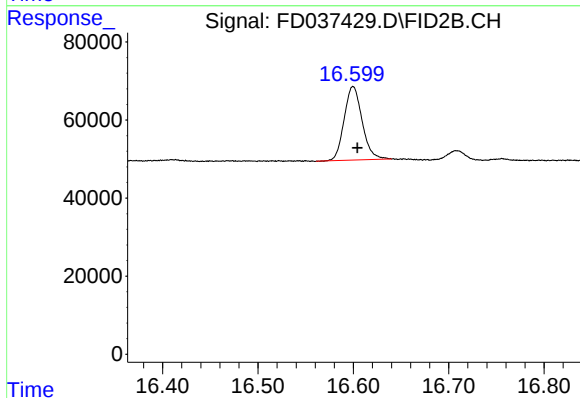
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.251 min
Delta R.T.: -0.006 min
Response: 264663
Conc: 2.46 ug/ml

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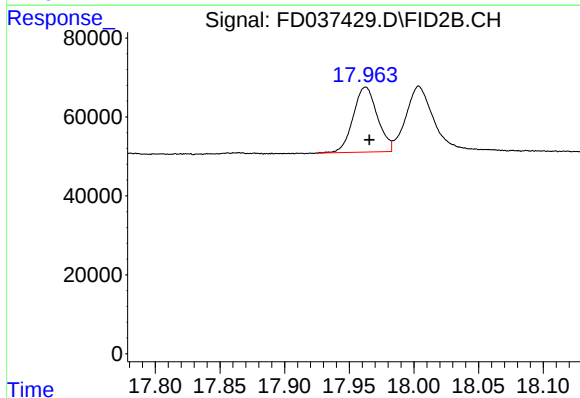
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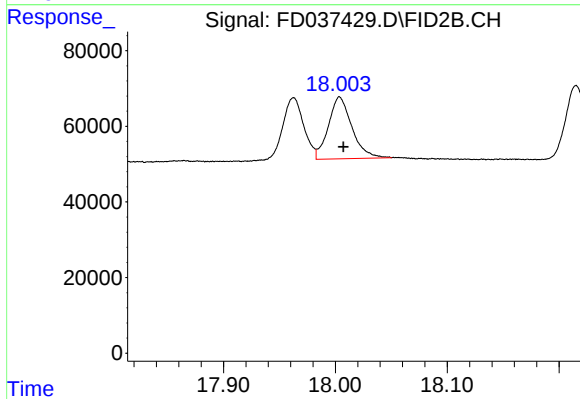
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.600 min
Delta R.T.: -0.005 min
Response: 247426
Conc: 2.39 ug/ml



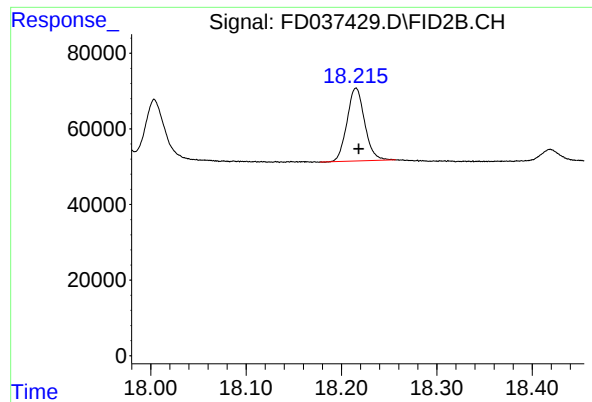
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: -0.003 min
Response: 213794
Conc: 2.01 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.004 min
Response: 239345
Conc: 2.29 ug/ml



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

R.T.: 18.215 min
Delta R.T.: -0.003 min
Response: 247706
Conc: 2.32 ug/ml

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