

Data Path : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_D\Data\FD021518AR\
 Data File : FD020037.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2018 19:22
 Operator : UA/AJ
 Sample : J1161-01
 Misc : AROMATIC LOD-SOIL 2.5 PPM FID_D
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 16 07:49:08 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.349	4217615	52.125 ug/ml
Spiked Amount 50.000		Recovery =	104.25%
6) S 2-Fluorobiphenyl (SURR)	8.208	2668353	48.784 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	97.57%
11) S ortho-Terphenyl (SURR)	11.235	3944824	39.874 ug/ml
Spiked Amount 50.000		Recovery =	79.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	63601	0.718 ug/mlm
2) T Naphthalene (C11.7)	5.714	107085	1.199 ug/mlm
3) T 2-Methylnaphthalene (...)	6.765	65538	0.714 ug/mlm
5) T Acenaphthylene (C15.06)	8.020	156779	1.653 ug/mlm
7) T Acenaphthene (C15.5)	8.308	284960	2.921 ug/mlm
8) T Flouorene (C16.55)	9.101	155606	1.637 ug/mlm
9) T Phenanthrene (C19.36)	10.493	168579	1.696 ug/mlm
10) T Anthracene (C19.43)	10.576	167011	1.717 ug/mlm
12) T Fluoranthene (C21.85)	12.299	212039	2.000 ug/mlm
13) T Pyrene (C20.8)	12.591	222455	2.100 ug/mlm
14) T Benzo[a]anthracene (C...	14.475	160703	1.535 ug/mlm
15) T Chrysene (C27.41)	14.515	229017	2.119 ug/mlm
16) T benzo[b]fluoranthene ...	16.030	194235	1.805 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.062	266825	2.356 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.422	156077	1.432 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.795	210461	2.127 ug/mlm
20) T Dibenz[a,h]anthracene...	17.824	300247	2.620 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.044	172168	1.650 ug/mlm

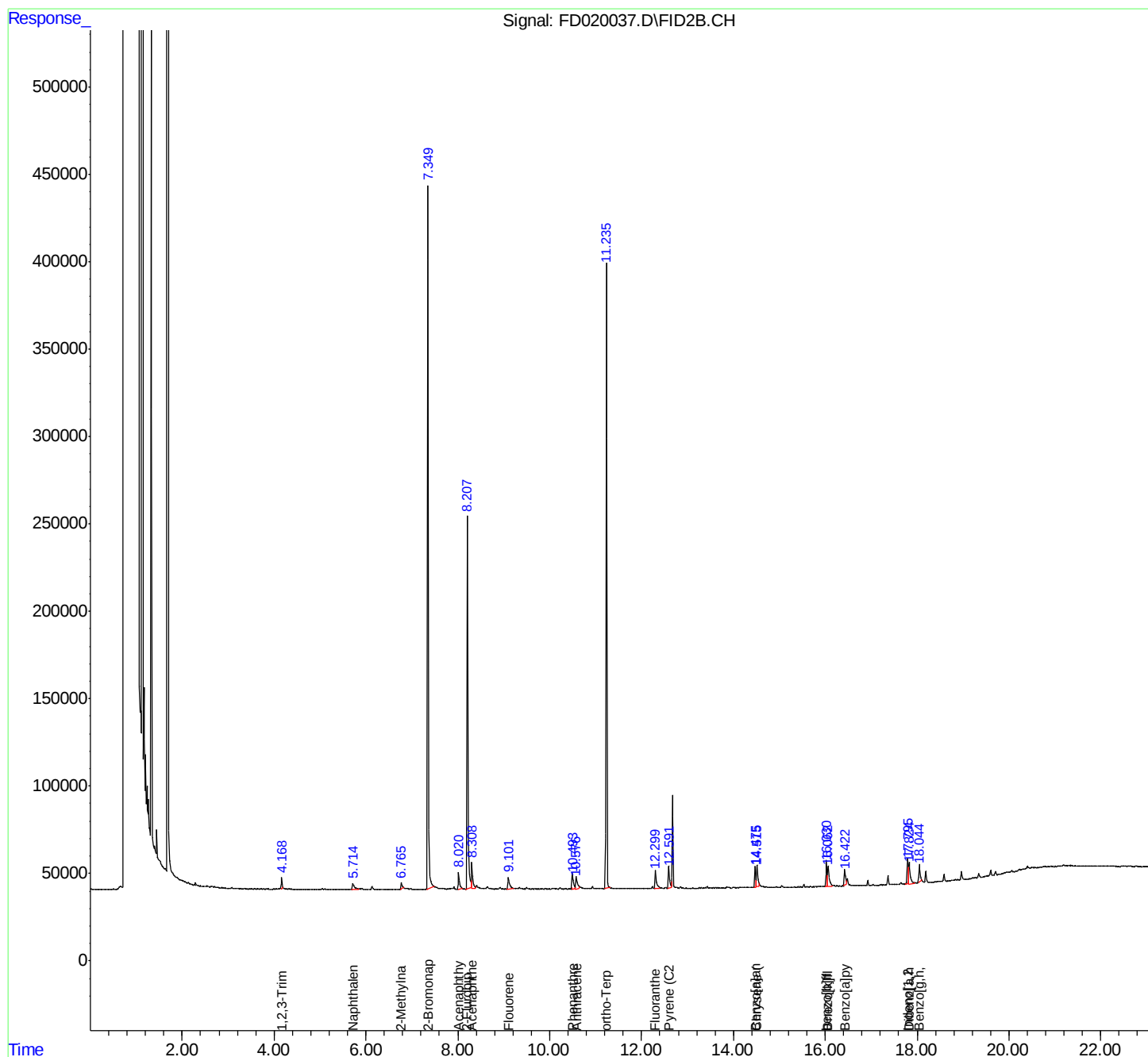
(f)=RT Delta > 1/2 Window

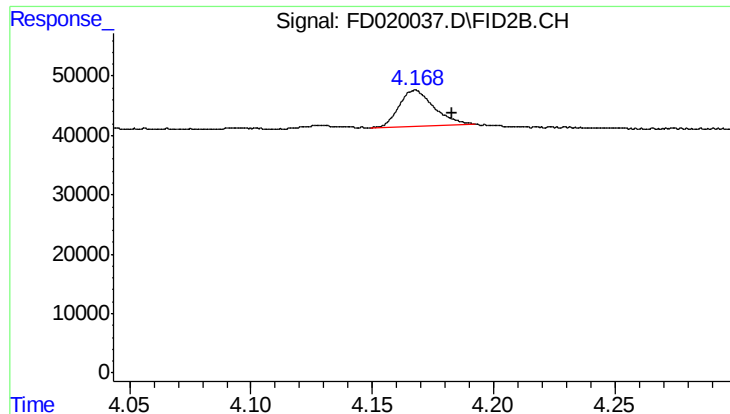
(m)=manual int.

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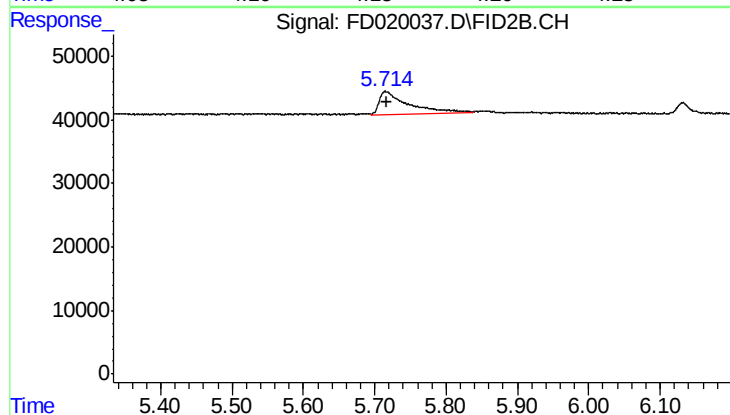
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





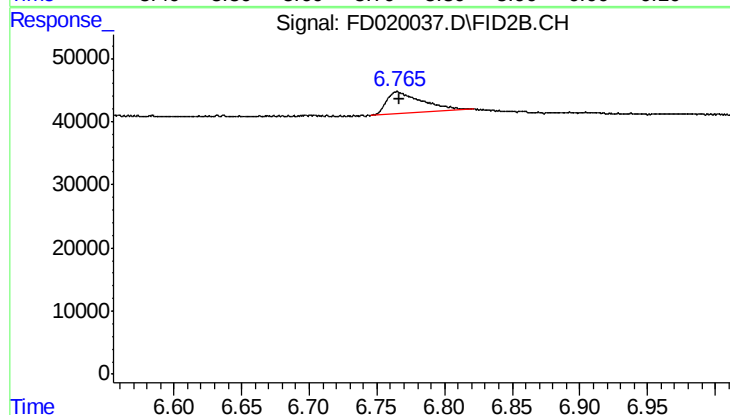
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: -0.015 min
Response: 63601
Conc: 0.72 ug/ml m



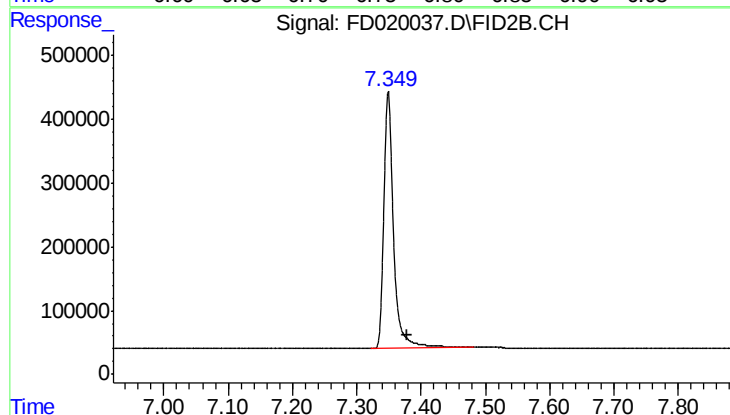
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.003 min
Response: 107085
Conc: 1.20 ug/ml m



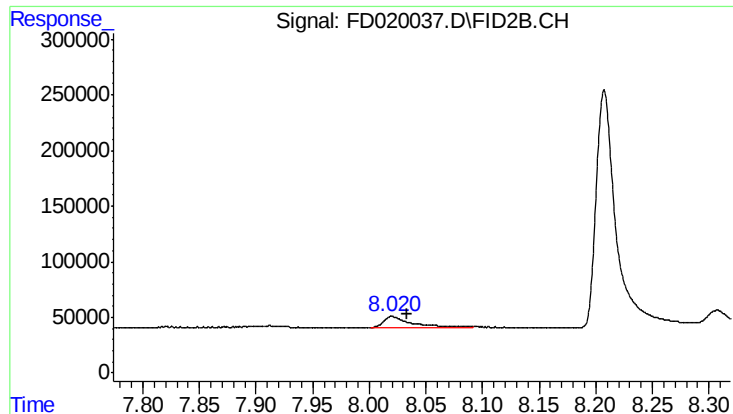
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 65538
Conc: 0.71 ug/ml m



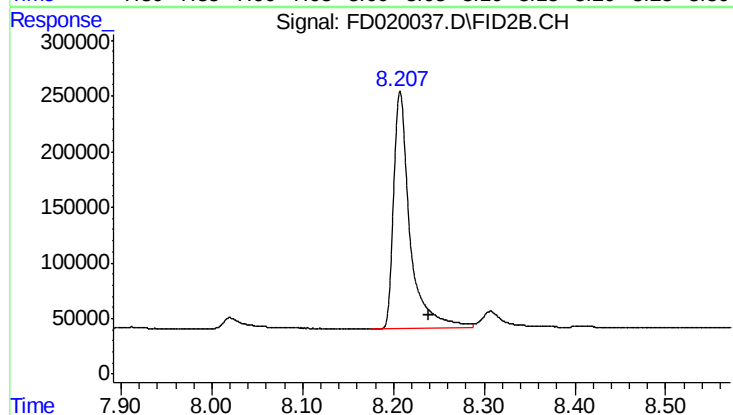
#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.028 min
Response: 4217615
Conc: 52.13 ug/ml



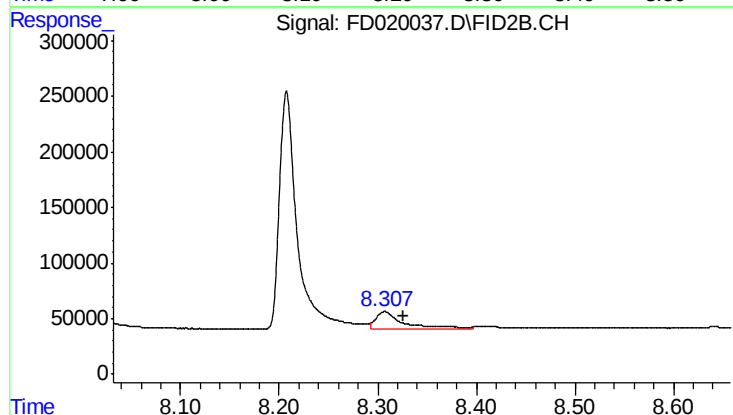
#5 Acenaphthylene (C15.06)

R.T.: 8.020 min
Delta R.T.: -0.014 min
Response: 156779
Conc: 1.65 ug/ml m



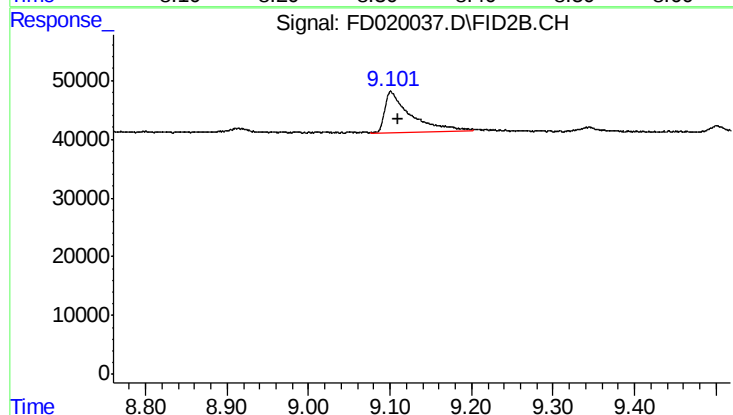
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.032 min
Response: 2668353
Conc: 48.78 ug/ml



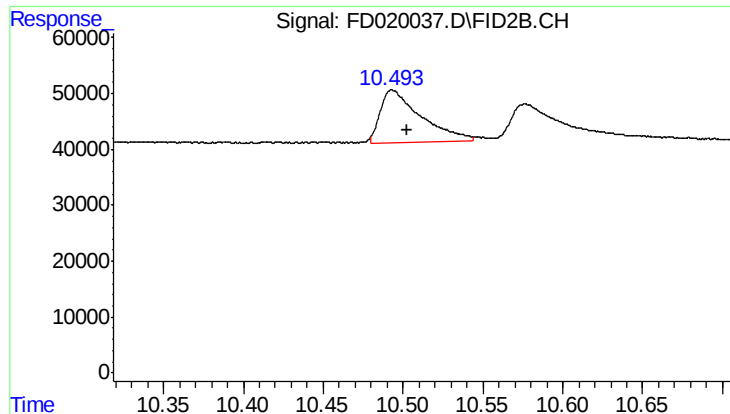
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: -0.018 min
Response: 284960
Conc: 2.92 ug/ml m



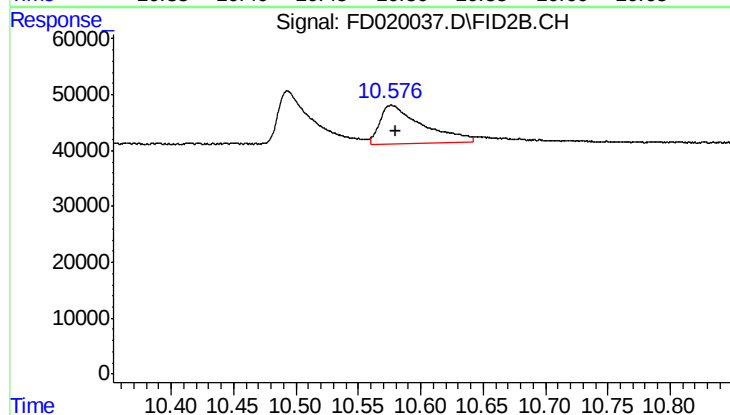
#8 Fluorene (C16.55)

R.T.: 9.101 min
Delta R.T.: -0.009 min
Response: 155606
Conc: 1.64 ug/ml m



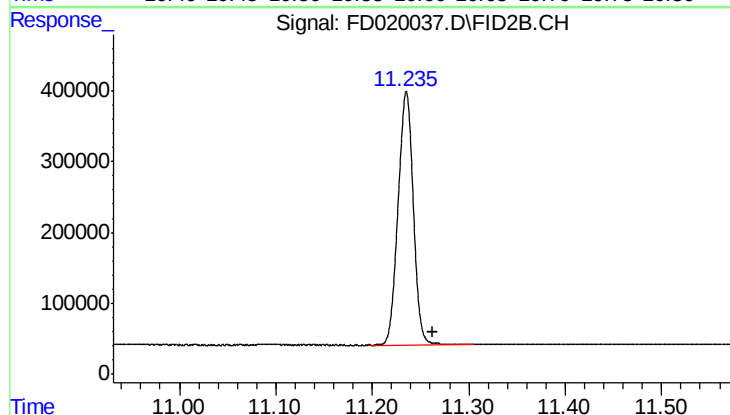
#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: -0.010 min
Response: 168579
Conc: 1.70 ug/ml m



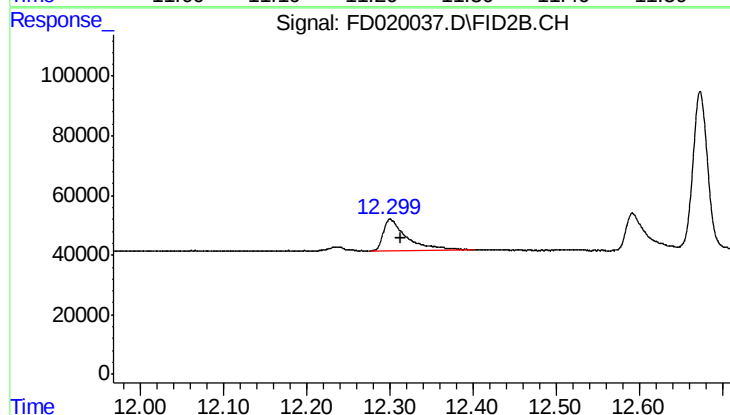
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 167011
Conc: 1.72 ug/ml m



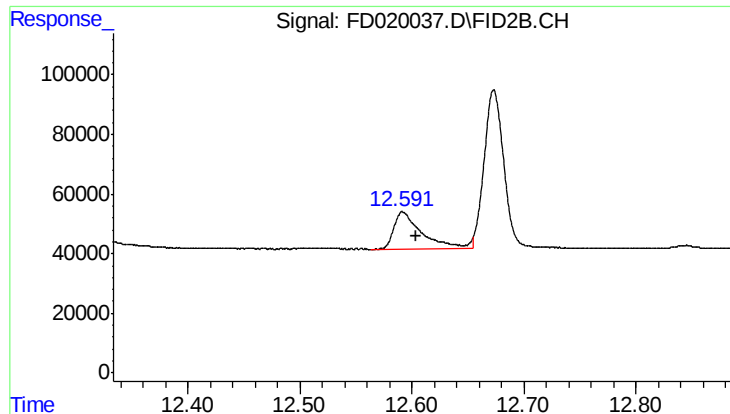
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.028 min
Response: 3944824
Conc: 39.87 ug/ml



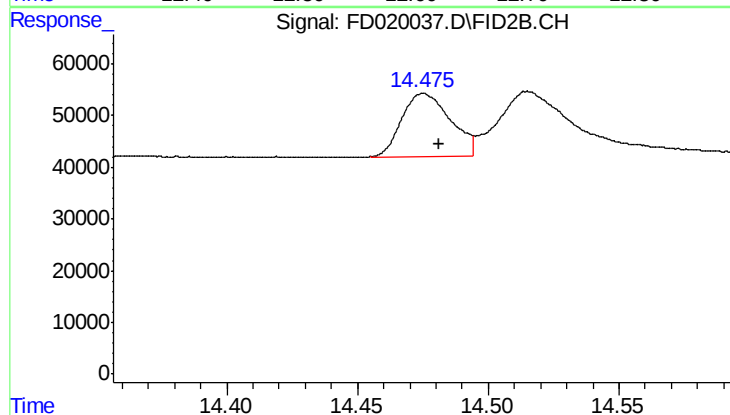
#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.013 min
Response: 212039
Conc: 2.00 ug/ml m



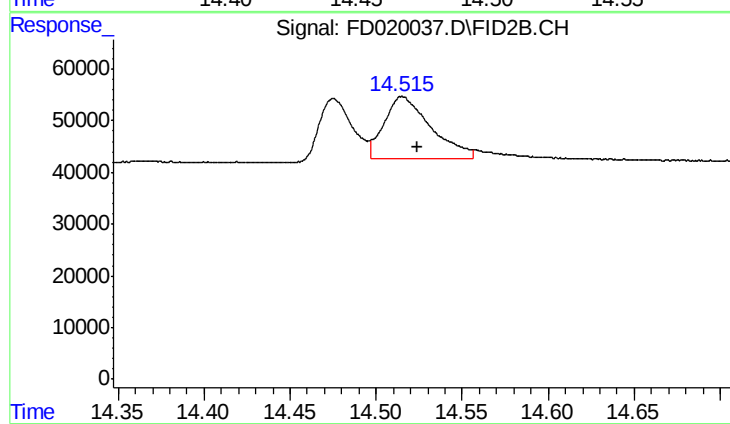
#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: -0.013 min
Response: 222455
Conc: 2.10 ug/ml m



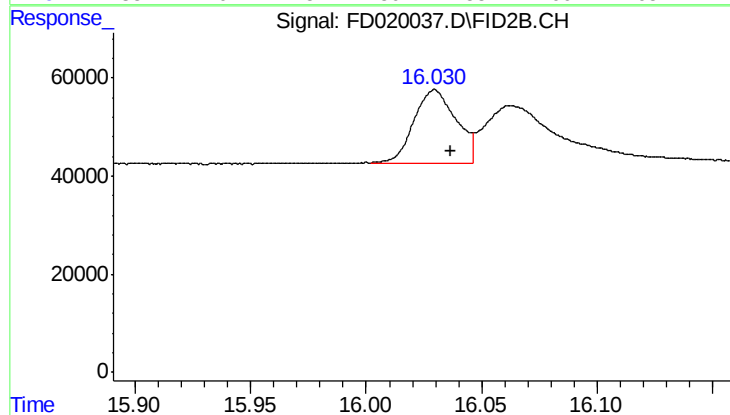
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: -0.006 min
Response: 160703
Conc: 1.54 ug/ml m



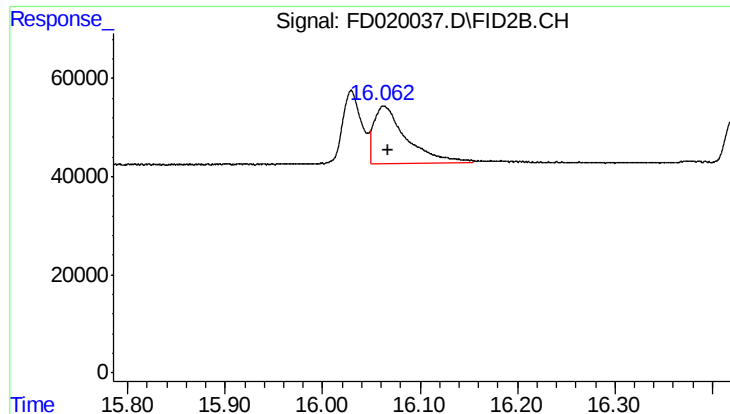
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.009 min
Response: 229017
Conc: 2.12 ug/ml m



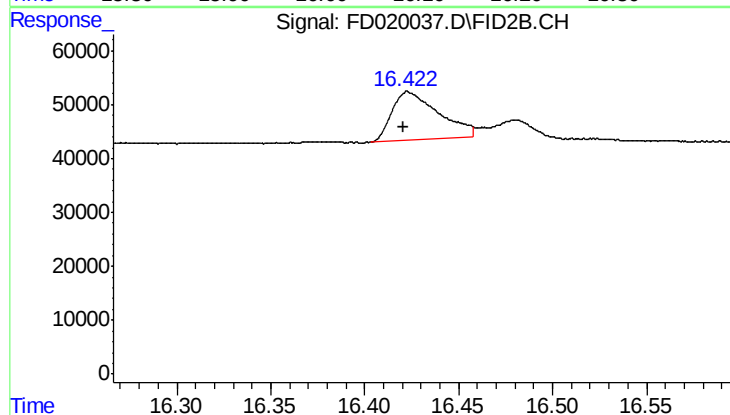
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.030 min
Delta R.T.: -0.007 min
Response: 194235
Conc: 1.81 ug/ml m



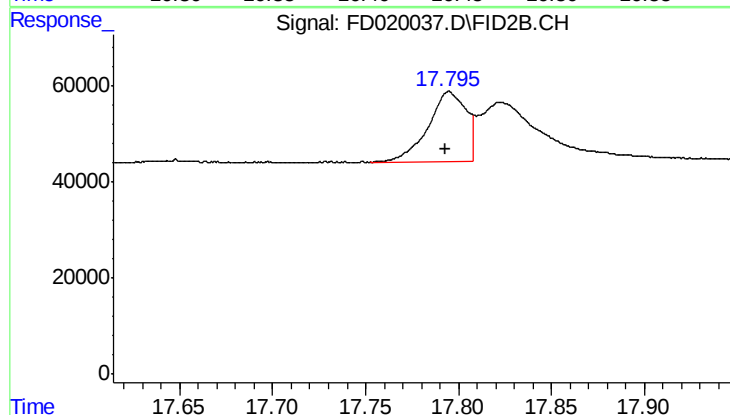
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.062 min
Delta R.T.: -0.006 min
Response: 266825
Conc: 2.36 ug/ml m



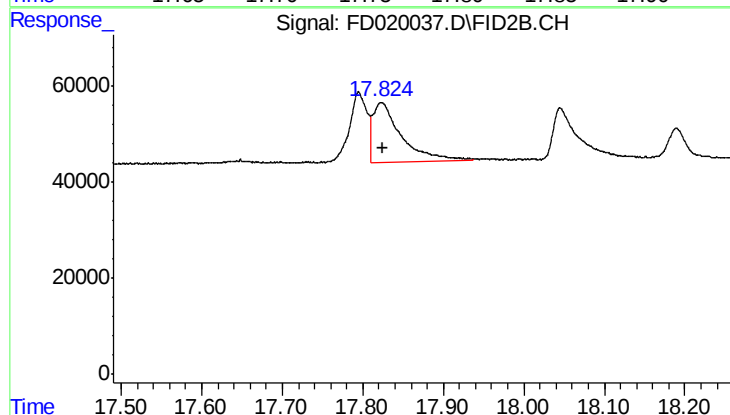
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: 0.001 min
Response: 156077
Conc: 1.43 ug/ml m



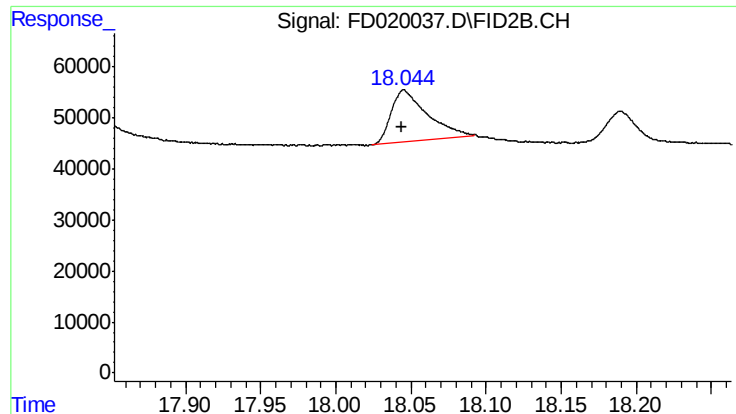
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.001 min
Response: 210461
Conc: 2.13 ug/ml m



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

R.T.: 17.824 min
Delta R.T.: -0.002 min
Response: 300247
Conc: 2.62 ug/ml m



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

R.T.: 18.044 min
Delta R.T.: 0.000 min
Response: 172168
Conc: 1.65 ug/ml m