

Data Path : P:\HPCHEM1\FID D\Data\FD113017AR\
 Data File : FD018549.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2017 2:18
 Operator : UA/AJ
 Sample : I5275-02
 Misc : AROMATIC L00-Soil; 10 PPM FIC_D
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 16:25:47 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 111417.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 15 06:39:34 2017
 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...	7.418	4077411	38.835 ug/ml
Spiked Amount 50.000		Recovery =	77.67%
6) S 2-Fluorobiphenyl (SURR)	8.275	2894843	42.056 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	84.11%
11) S ortho-Terphenyl (SURR)	11.311	4532717	38.976 ug/ml
Spiked Amount 50.000		Recovery =	77.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	589334	4.659 ug/ml
2) T Naphthalene (C11.7)	5.757	658888	5.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	676144	5.629 ug/ml
5) T Acenaphthylene (C15.06)	8.078	739501	6.515 ug/ml
7) T Acenaphthene (C15.5)	8.371	796176	6.872 ug/ml
8) T Fluorene (C16.55)	9.153	739833	6.550 ug/ml
9) T Phenanthrene (C19.36)	10.545	815761	6.984 ug/ml
10) T Anthracene (C19.43)	10.621	774788	6.844 ug/ml
12) T Fluoranthene (C21.85)	12.354	838626	6.702 ug/ml
13) T Pyrene (C20.8)	12.649	885781	7.029 ug/ml
14) T Benzo[alanthracene (C...	14.522	848428	6.683 ug/mlm
15) T Chrysene (C27.41)	14.564	1021243	8.119 ug/ml
16) T benzo[blfluoranthene ...	16.075	964204	7.350 ug/mlm
17) T Bnezo[klfluoranthene ...	16.106	1045069	7.991 ug/ml
18) T Benzo[alpyrene (C31.34)	16.456	992269	7.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	970725	7.607 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.860	1083642	8.402 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.075	1020925	7.955 ug/ml

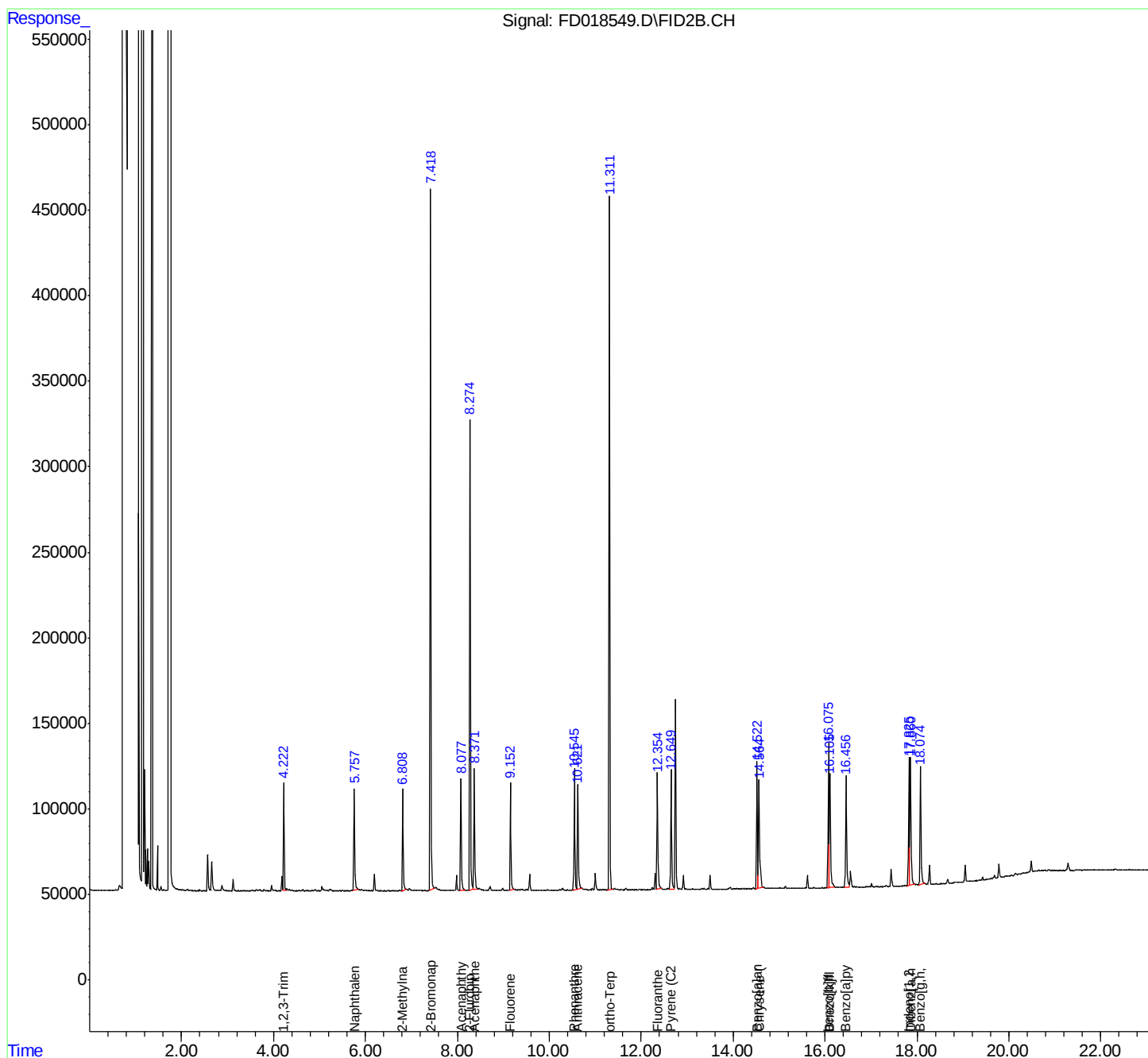
(f)=RT Delta > 1/2 Window

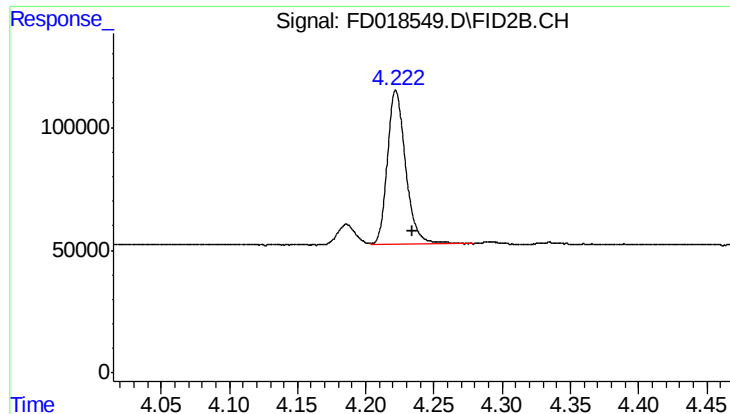
(m)=manual int.

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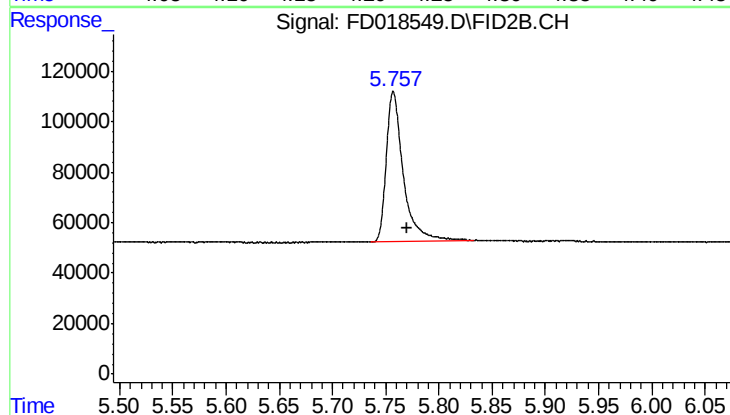
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Signal Info : 20M x 0.18mm x 0.18µm





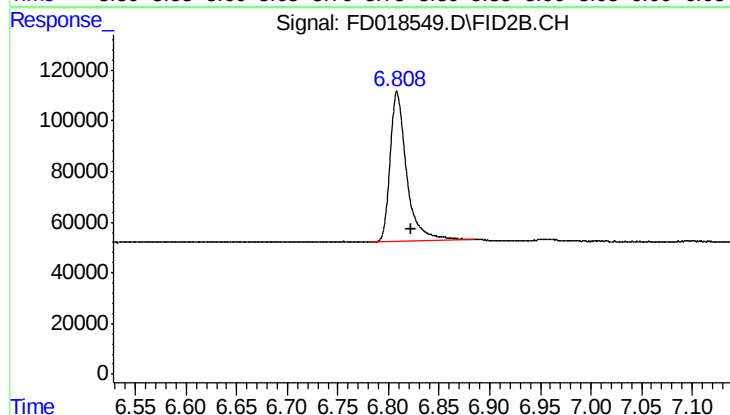
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.012 min
Response: 589334
Conc: 4.66 ug/ml



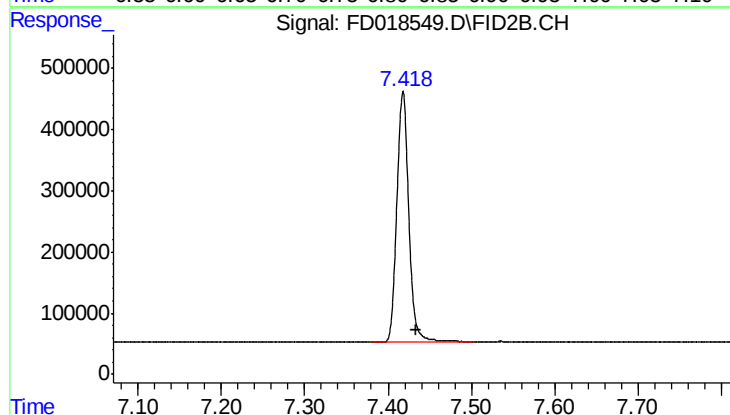
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.013 min
Response: 658888
Conc: 5.41 ug/ml



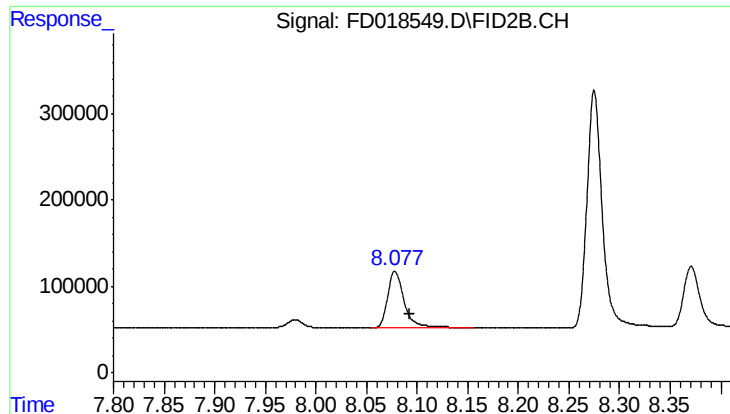
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.013 min
Response: 676144
Conc: 5.63 ug/ml



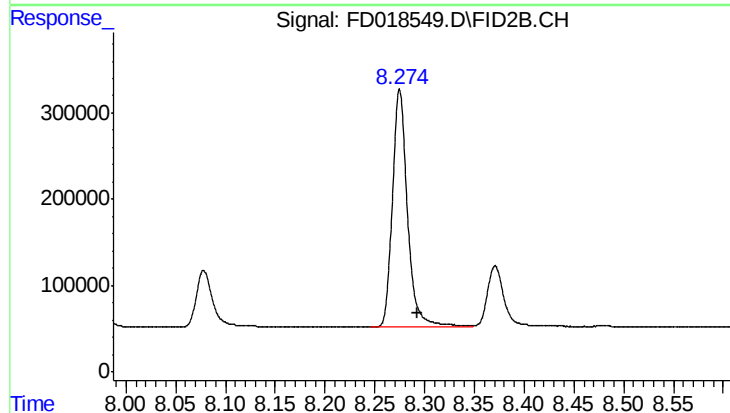
#4 2-Bromonaphthalene (SURR)

R.T.: 7.418 min
Delta R.T.: -0.016 min
Response: 4077411
Conc: 38.84 ug/ml



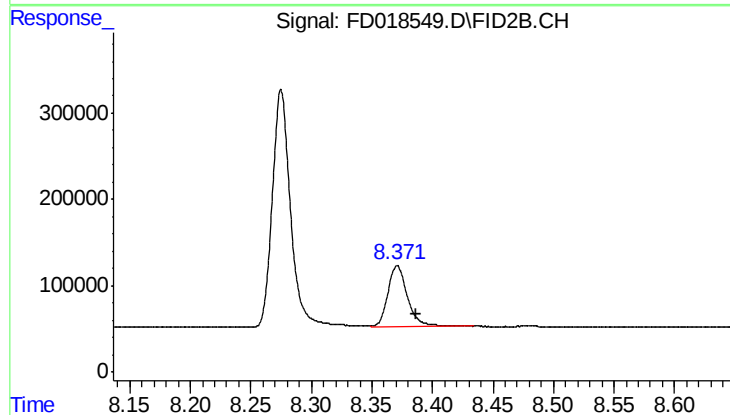
#5 Acenaphthylene (C15.06)

R.T.: 8.078 min
Delta R.T.: -0.015 min
Response: 739501
Conc: 6.52 ug/ml



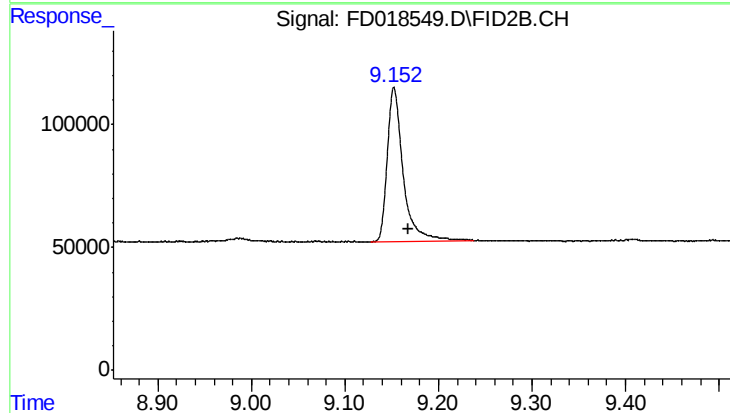
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.275 min
Delta R.T.: -0.018 min
Response: 2894843
Conc: 42.06 ug/ml



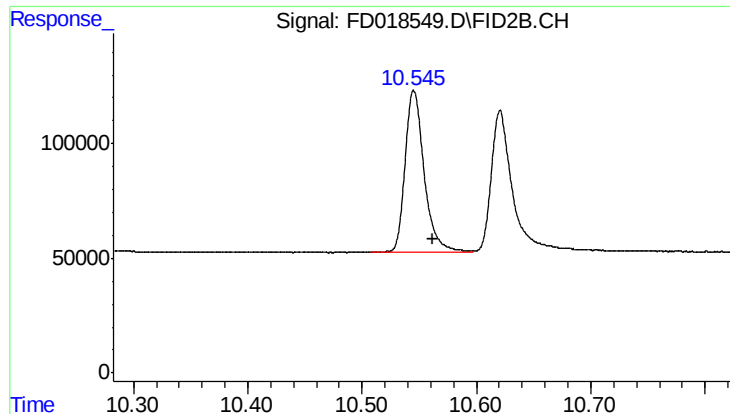
#7 Acenaphthene (C15.5)

R.T.: 8.371 min
Delta R.T.: -0.015 min
Response: 796176
Conc: 6.87 ug/ml



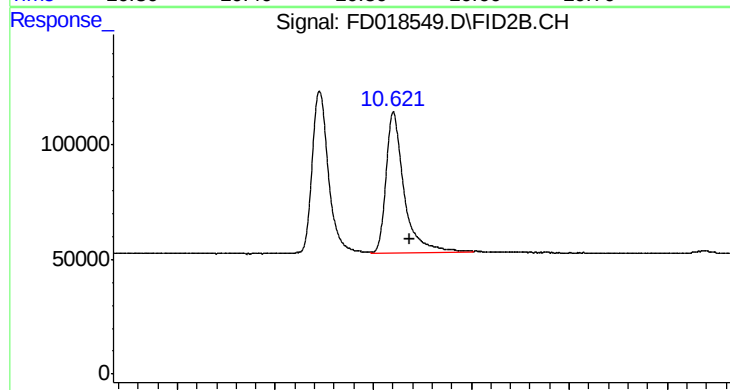
#8 Fluorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.015 min
Response: 739833
Conc: 6.55 ug/ml



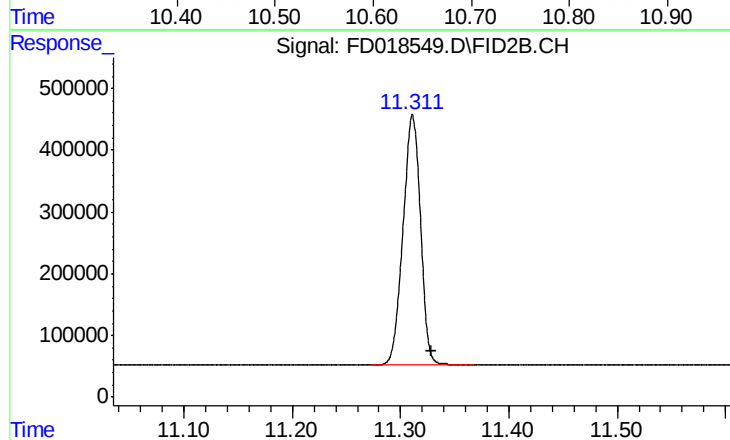
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.016 min
Response: 815761
Conc: 6.98 ug/ml



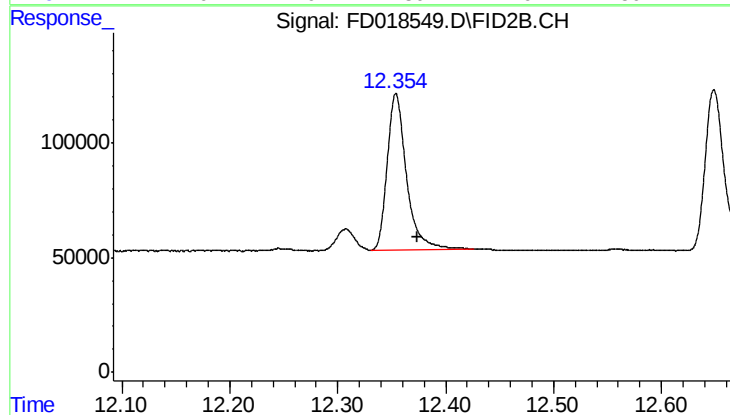
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.016 min
Response: 774788
Conc: 6.84 ug/ml



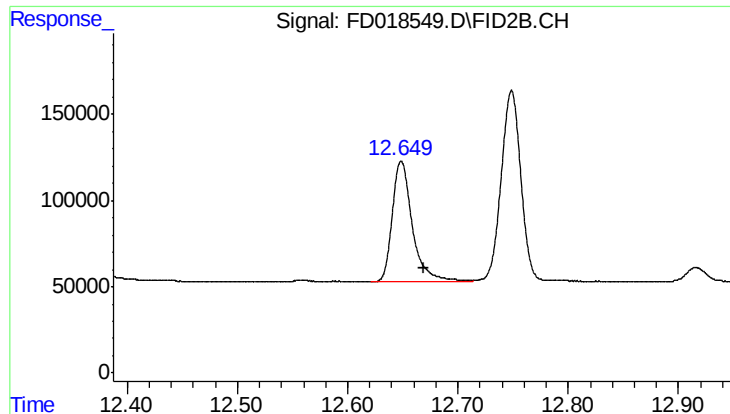
#11 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.017 min
Response: 4532717
Conc: 38.98 ug/ml



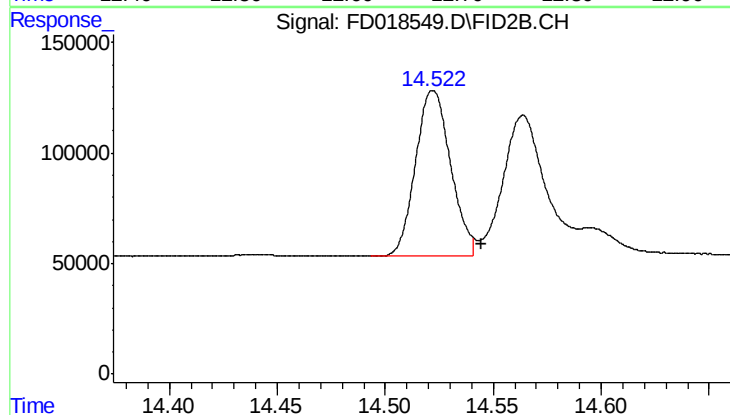
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.020 min
Response: 838626
Conc: 6.70 ug/ml



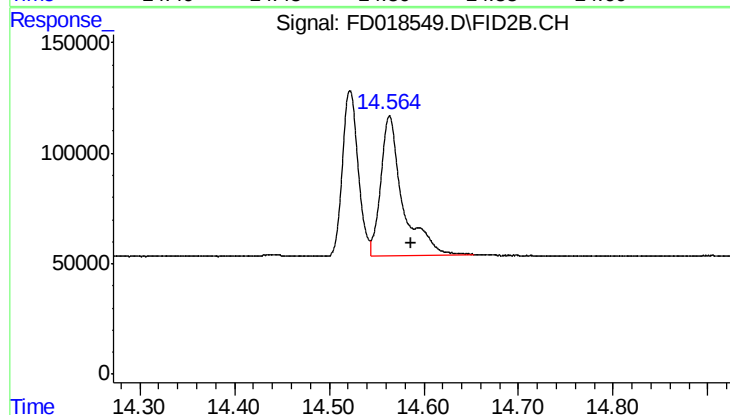
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.021 min
Response: 885781
Conc: 7.03 ug/ml



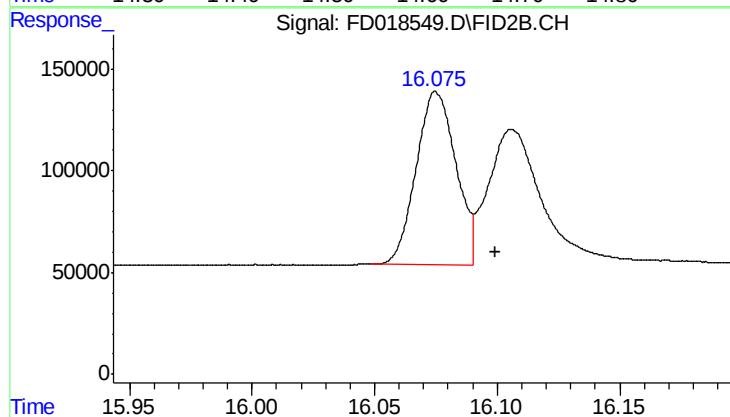
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.022 min
Response: 848428
Conc: 6.68 ug/ml m



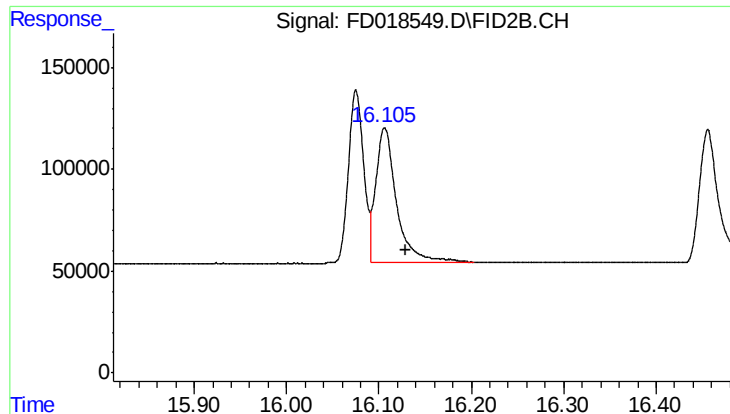
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.022 min
Response: 1021243
Conc: 8.12 ug/ml



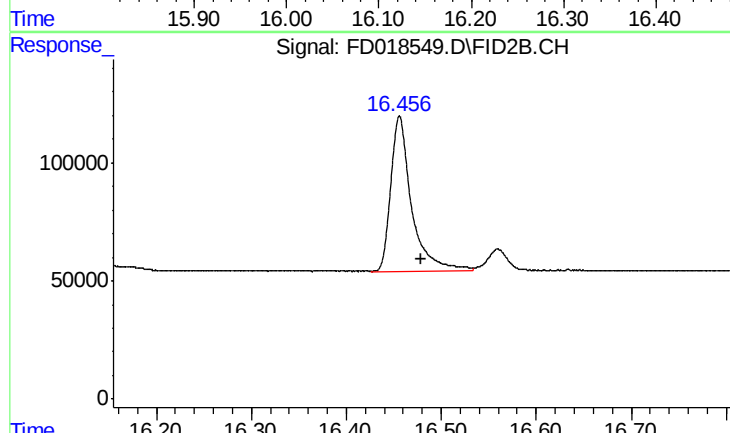
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.075 min
Delta R.T.: -0.025 min
Response: 964204
Conc: 7.35 ug/ml m



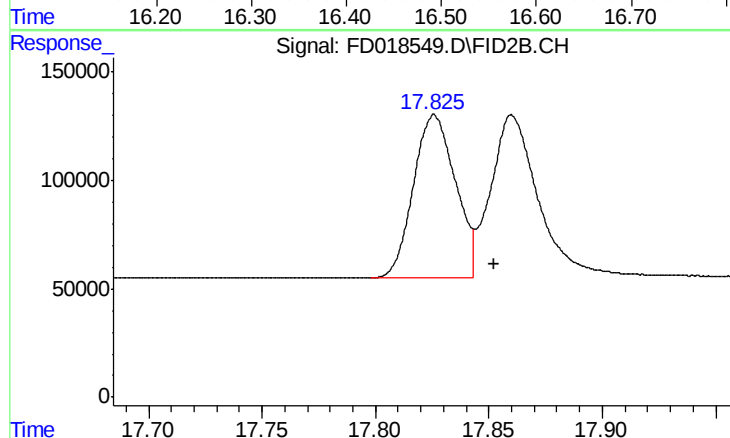
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.024 min
Response: 1045069
Conc: 7.99 ug/ml



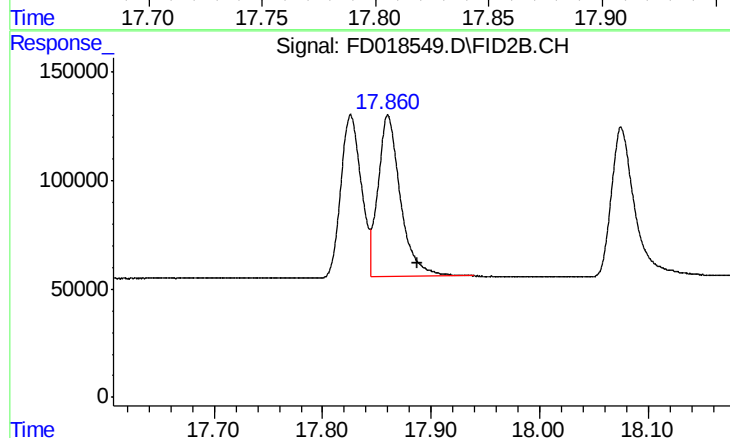
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: -0.023 min
Response: 992269
Conc: 7.68 ug/ml



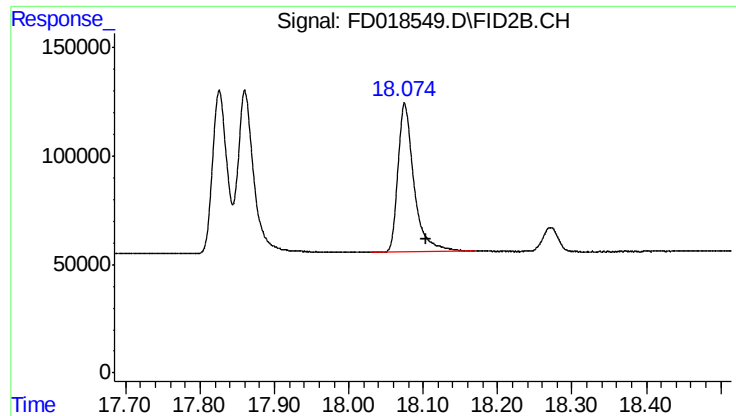
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: -0.027 min
Response: 970725
Conc: 7.61 ug/ml m



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

R.T.: 17.860 min
Delta R.T.: -0.027 min
Response: 1083642
Conc: 8.40 ug/ml



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

R.T.: 18.075 min
Delta R.T.: -0.029 min
Response: 1020925
Conc: 7.95 ug/ml