

Data Path : P:\HPCHEM1\FID_D\Data\FD042418AR\
 Data File : FD023267.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2018 21:21
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 24 21:48:54 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 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...	7.275	2417271	18.148 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
6) S 2-Fluorobiphenyl (SURR)	8.136	1354850	19.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.03%
11) S ortho-Terphenyl (SURR)	11.145	2630134	18.924 ug/mlm
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.091	2596810	18.851 ug/ml
2) T Naphthalene (C11.7)	5.618	2584401	19.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.665	2417802	18.051 ug/mlm
5) T Acenaphthylene (C15.06)	7.927	2635096	18.323 ug/ml
7) T Acenaphthene (C15.5)	8.218	2795809	16.783 ug/ml
8) T Flouorene (C16.55)	9.001	2581939	18.258 ug/ml
9) T Phenanthrene (C19.36)	10.391	2606312	19.686 ug/ml
10) T Anthracene (C19.43)	10.469	2657716	19.000 ug/ml
12) T Fluoranthene (C21.85)	12.196	2830104	20.370 ug/ml
13) T Pyrene (C20.8)	12.489	2808347	19.760 ug/ml
14) T Benzo[a]anthracene (C...	14.366	2689705	21.322 ug/ml
15) T Chrysene (C27.41)	14.409	2934221	18.845 ug/ml
16) T benzo[b]fluoranthene ...	15.922	2766977	20.404 ug/ml
17) T Bnezo[k]fluoranthene ...	15.954	3174687	19.475 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.306	2744196	19.146 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.684	2421436	18.717 ug/ml
20) T Dibenz[a,h]anthracene...	17.709	3372288	20.335 ug/ml
21) T Benzo[g,h,i]perylene ...	17.933	2809282	19.019 ug/ml

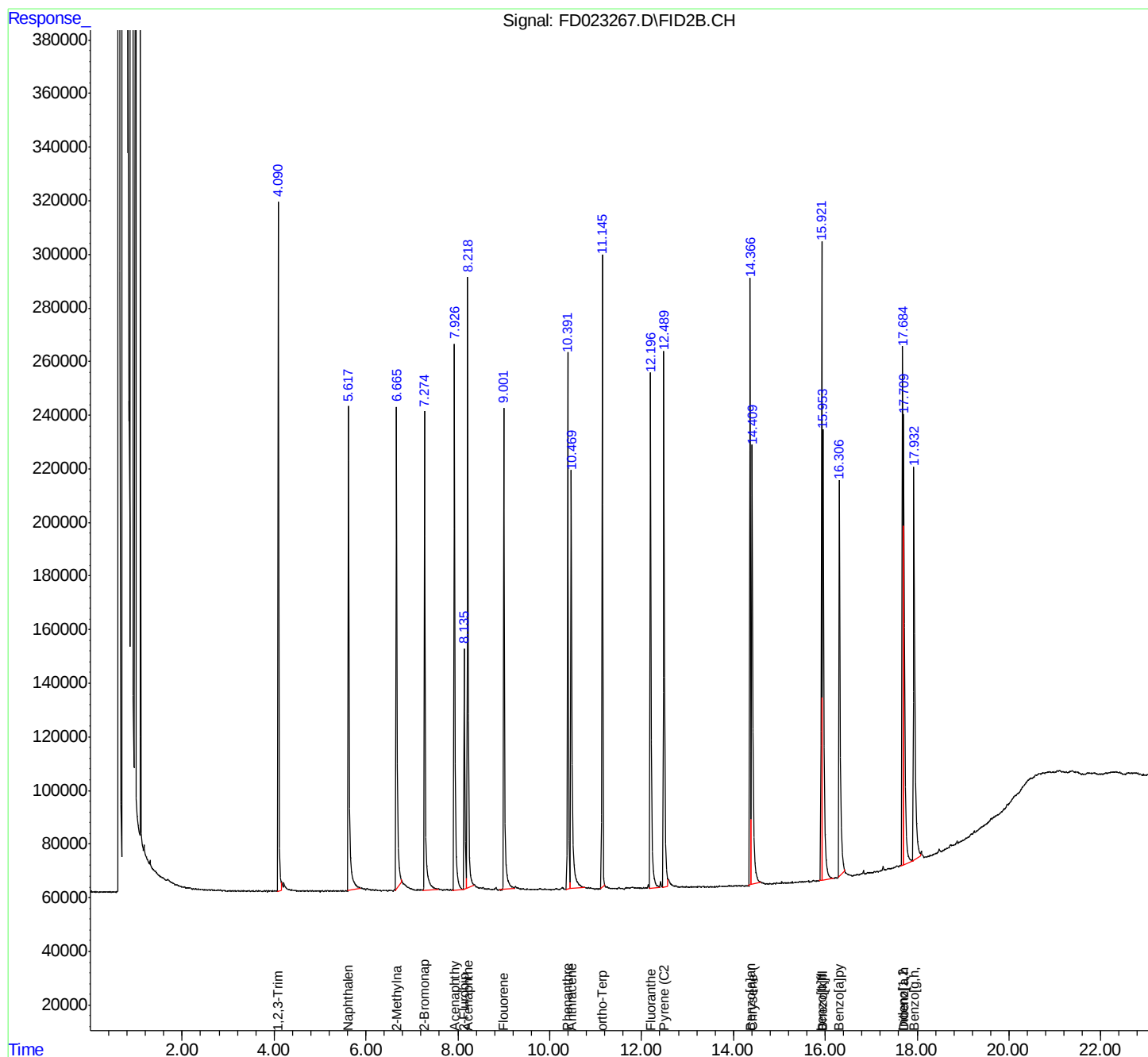
(f)=RT Delta > 1/2 Window

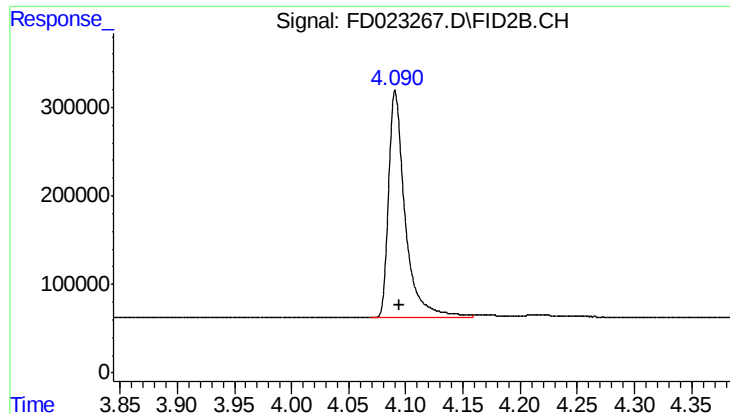
(m)=manual int.

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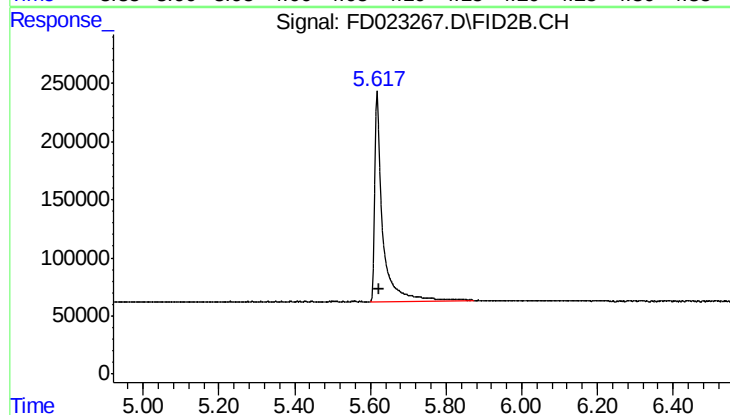
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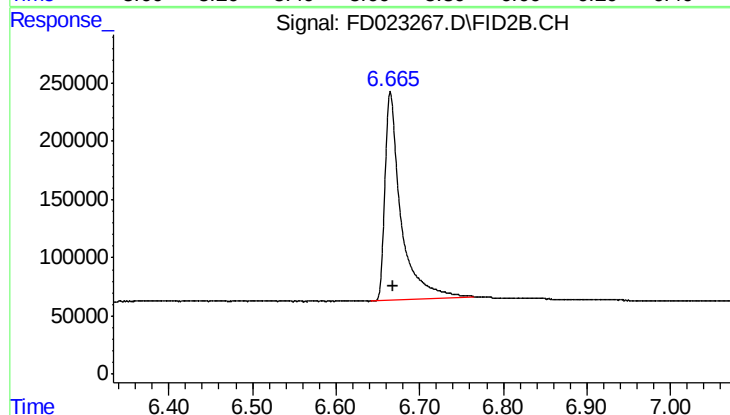
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.091 min
Delta R.T.: -0.004 min
Response: 2596810
Conc: 18.85 ug/ml



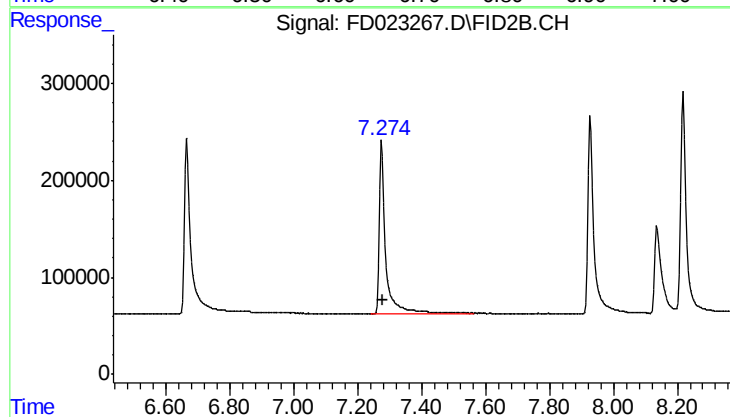
#2 Naphthalene (C11.7)

R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 2584401
Conc: 19.16 ug/ml



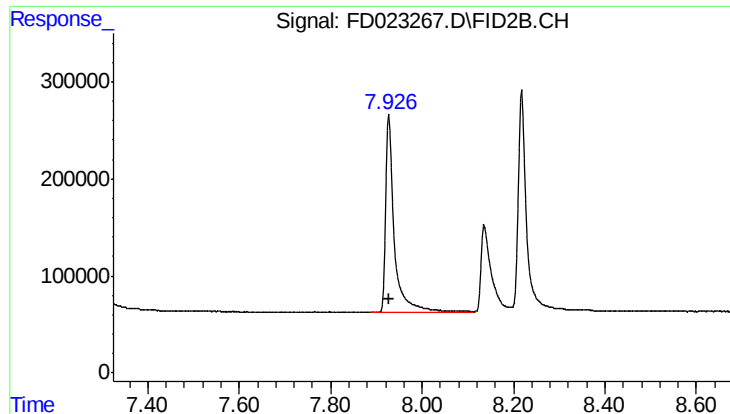
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 2417802
Conc: 18.05 ug/ml m



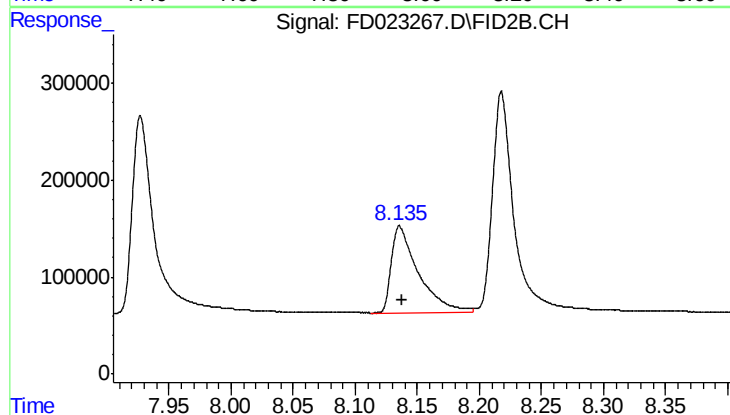
#4 2-Bromonaphthalene (SURR)

R.T.: 7.275 min
Delta R.T.: -0.003 min
Response: 2417271
Conc: 18.15 ug/ml



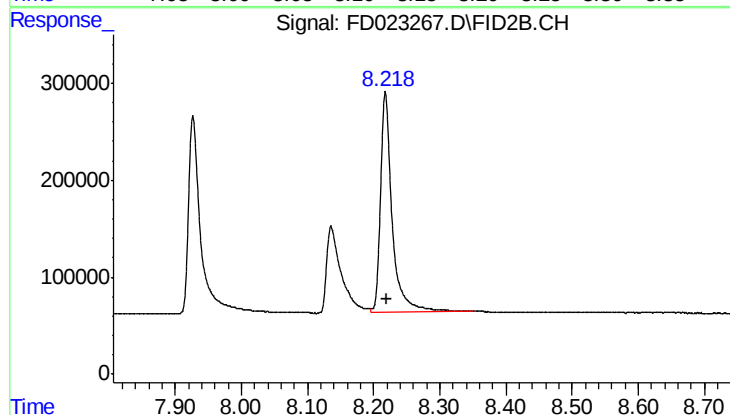
#5 Acenaphthylene (C15.06)

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 2635096
Conc: 18.32 ug/ml



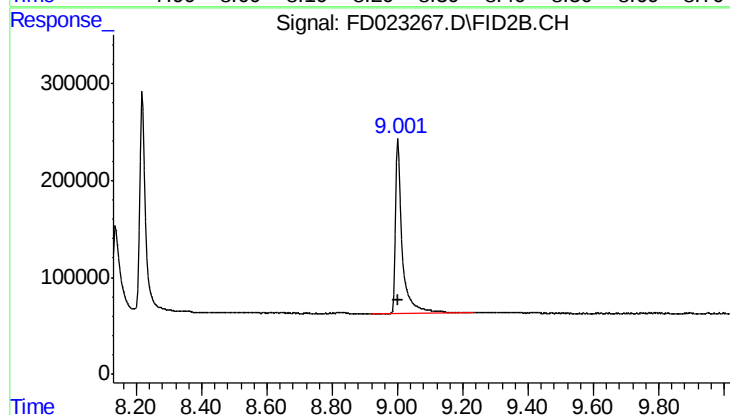
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 1354850
Conc: 19.51 ug/ml



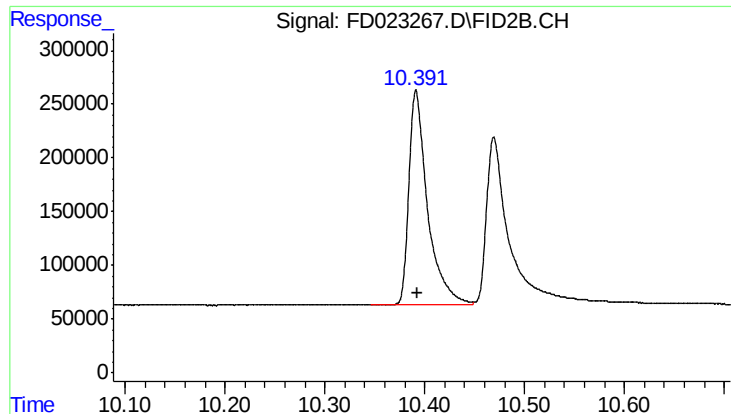
#7 Acenaphthene (C15.5)

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 2795809
Conc: 16.78 ug/ml



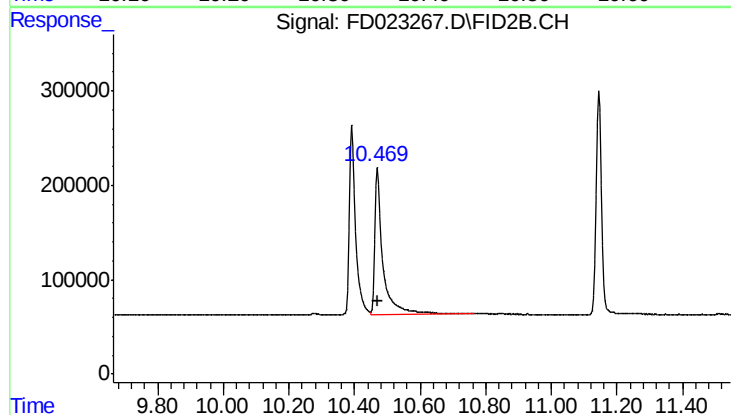
#8 Fluorene (C16.55)

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 2581939
Conc: 18.26 ug/ml



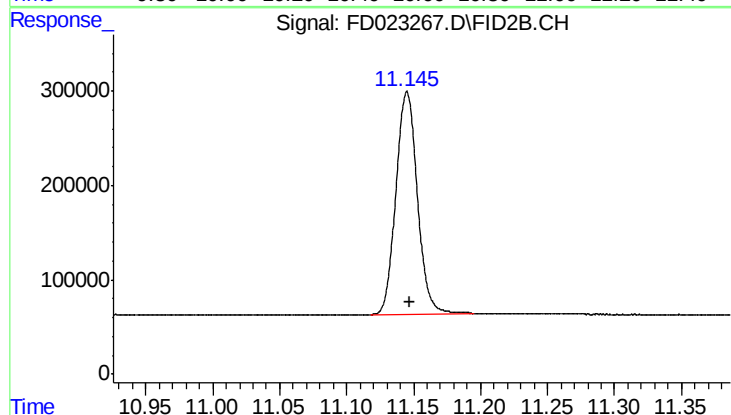
#9 Phenanthrene (C19.36)

R.T.: 10.391 min
Delta R.T.: 0.000 min
Response: 2606312
Conc: 19.69 ug/ml



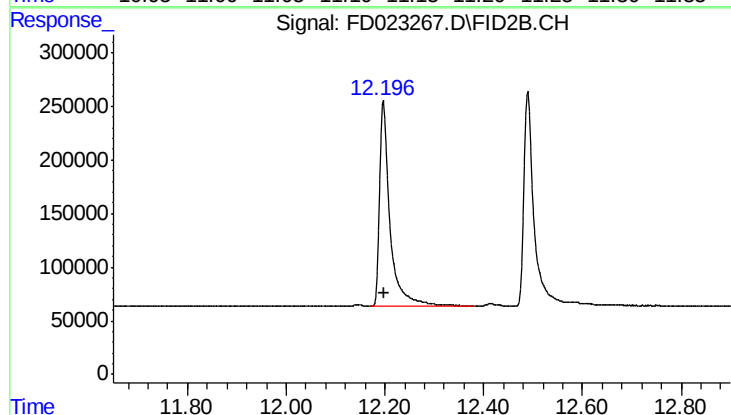
#10 Anthracene (C19.43)

R.T.: 10.469 min
Delta R.T.: -0.001 min
Response: 2657716
Conc: 19.00 ug/ml



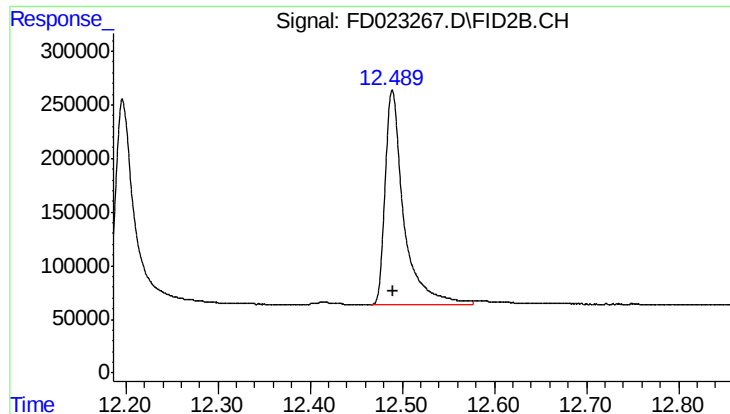
#11 ortho-Terphenyl (SURR)

R.T.: 11.145 min
Delta R.T.: -0.002 min
Response: 2630134
Conc: 18.92 ug/ml m



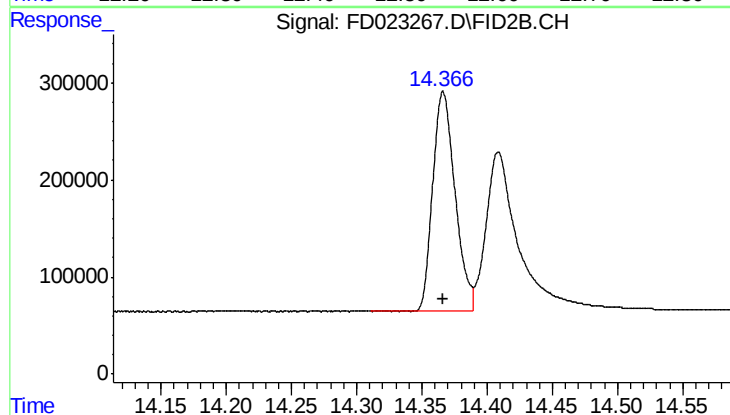
#12 Fluoranthene (C21.85)

R.T.: 12.196 min
Delta R.T.: -0.002 min
Response: 2830104
Conc: 20.37 ug/ml



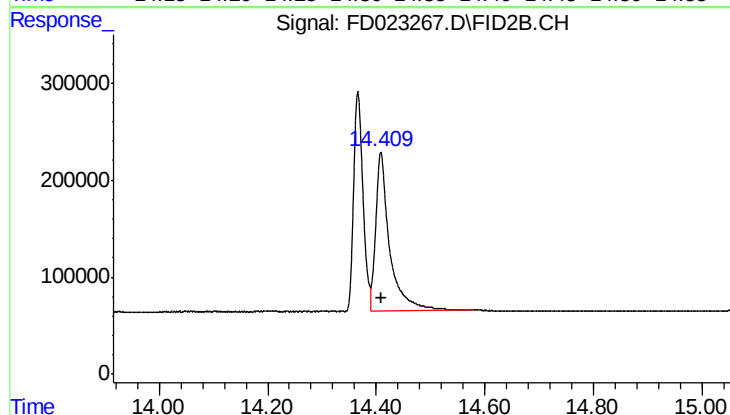
#13 Pyrene (C20.8)

R.T.: 12.489 min
Delta R.T.: 0.000 min
Response: 2808347
Conc: 19.76 ug/ml



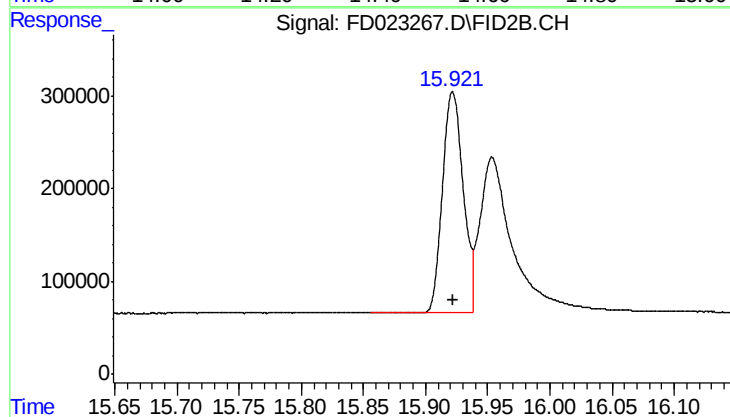
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.366 min
Delta R.T.: 0.000 min
Response: 2689705
Conc: 21.32 ug/ml



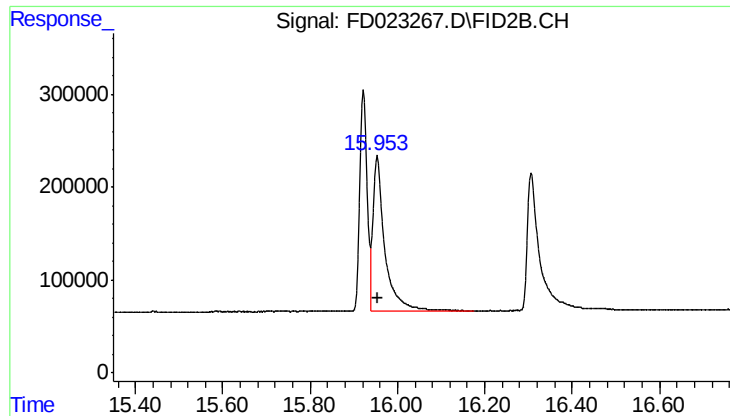
#15 Chrysene (C27.41)

R.T.: 14.409 min
Delta R.T.: 0.000 min
Response: 2934221
Conc: 18.85 ug/ml



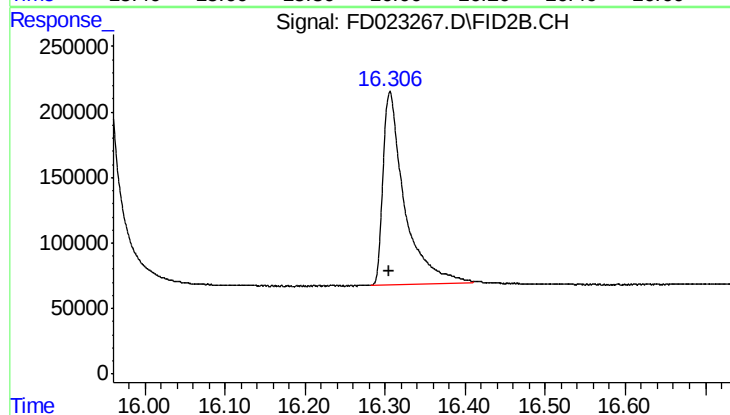
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.922 min
Delta R.T.: 0.000 min
Response: 2766977
Conc: 20.40 ug/ml



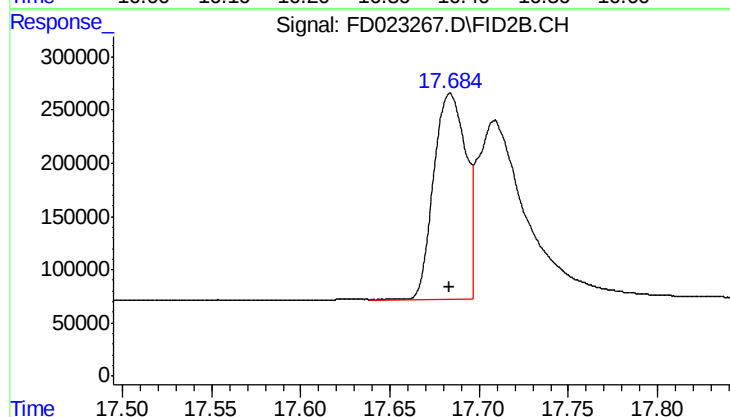
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 3174687
Conc: 19.47 ug/ml



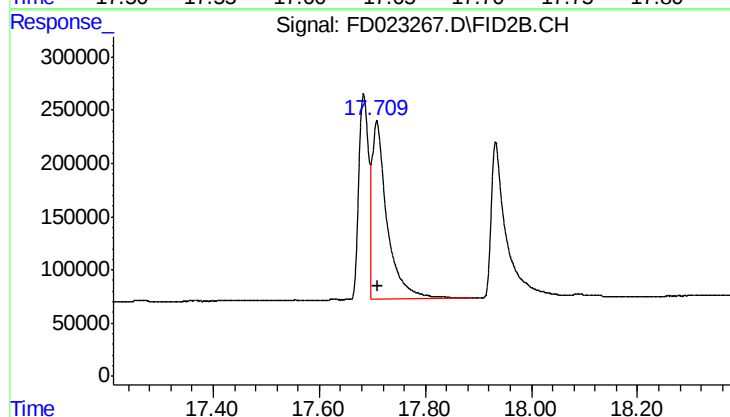
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 2744196
Conc: 19.15 ug/ml m



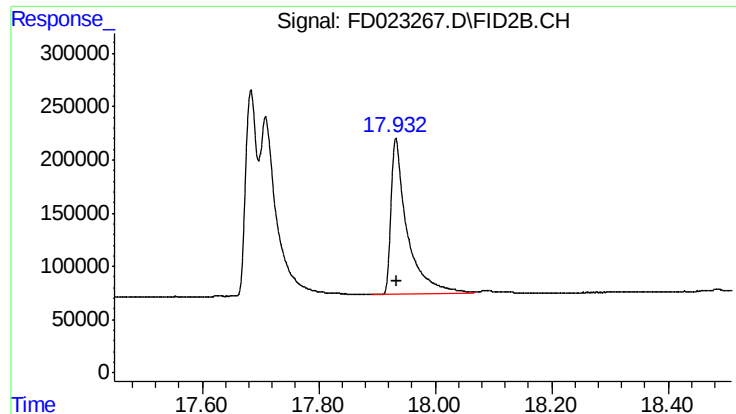
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 2421436
Conc: 18.72 ug/ml



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

R.T.: 17.709 min
Delta R.T.: 0.000 min
Response: 3372288
Conc: 20.33 ug/ml



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

R.T.: 17.933 min
Delta R.T.: -0.001 min
Response: 2809282
Conc: 19.02 ug/ml