

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020035.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2018 18:07
 Operator : UA/AJ
 Sample : PB106570BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 07:28:44 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...	7.350	3929824	48.568 ug/ml
Spiked Amount 50.000		Recovery =	97.14%
6) S 2-Fluorobiphenyl (SURR)	8.208	2659419	48.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.24%
11) S ortho-Terphenyl (SURR)	11.236	4258953	43.049 ug/ml
Spiked Amount 50.000		Recovery =	86.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	2436627	27.524 ug/ml
2) T Naphthalene (C11.7)	5.687	3449729	38.625 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3683807	40.126 ug/ml
5) T Acenaphthylene (C15.06)	8.006	3675269	38.760 ug/ml
7) T Acenaphthene (C15.5)	8.299	3926359	40.249 ug/ml
8) T Fluorene (C16.55)	9.081	3876406	40.792 ug/ml
9) T Phenanthrene (C19.36)	10.474	4122249	41.465 ug/ml
10) T Anthracene (C19.43)	10.550	4088500	42.043 ug/ml
12) T Fluoranthene (C21.85)	12.284	4334822	40.890 ug/ml
13) T Pyrene (C20.8)	12.578	4266869	40.281 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.496	5109334	48.818 ug/ml
15) T Chrysene (C27.41)	14.496	5109334	47.275 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.011	8905773	82.776 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.390	4357865	39.980 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.767	8639678	87.333 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.018	4351938	41.702 ug/ml

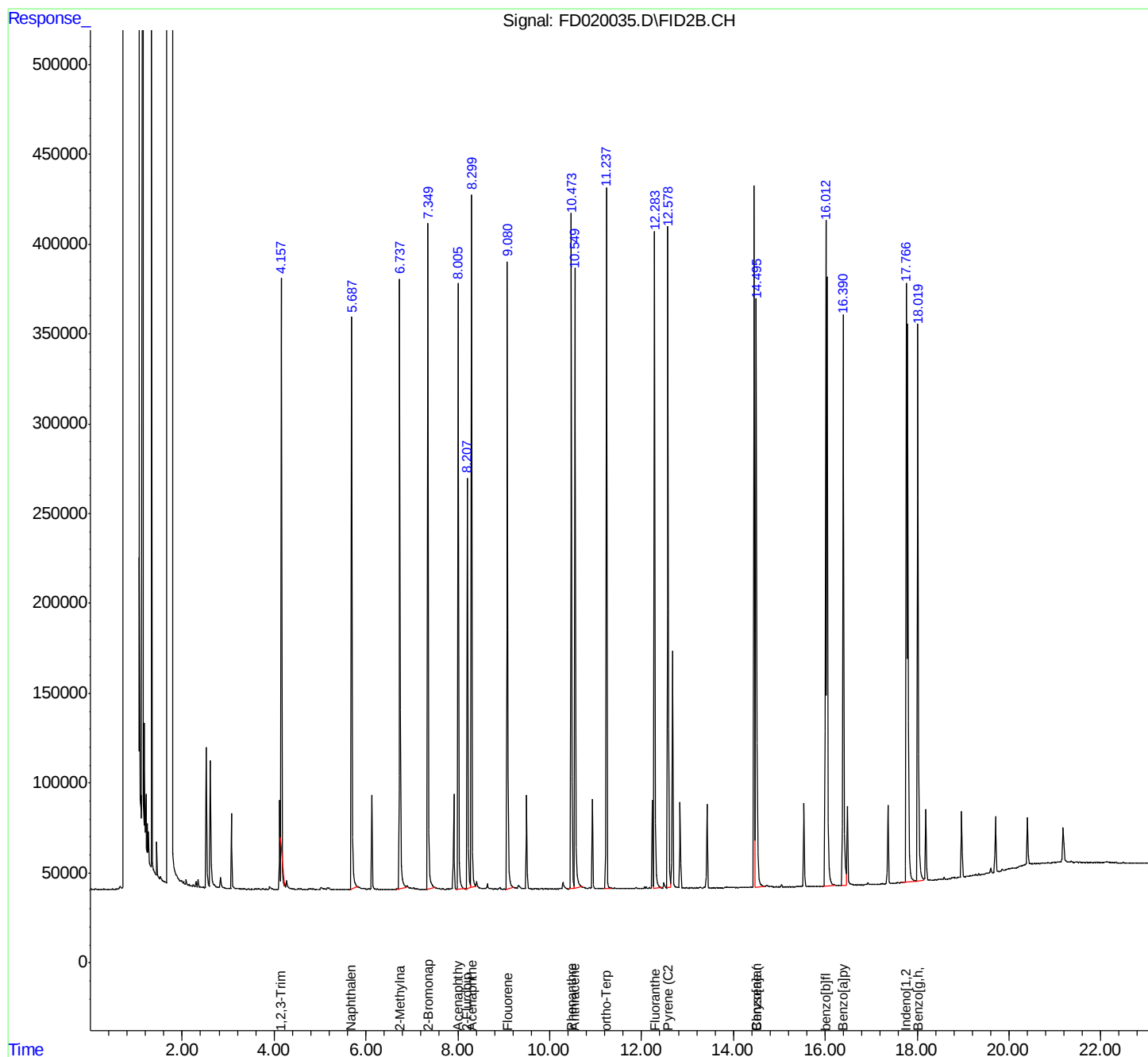
(f)=RT Delta > 1/2 Window

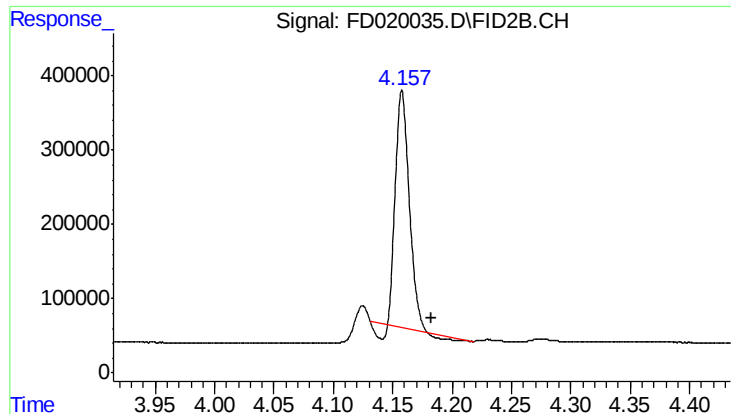
(m)=manual int.

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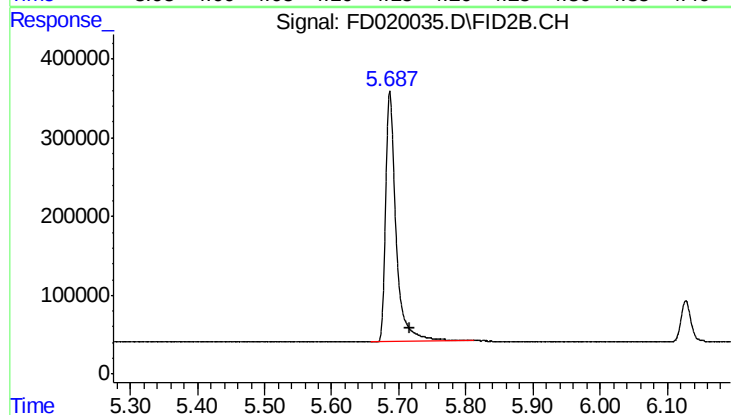
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Signal Info : 20M x 0.18mm x 0.18µm





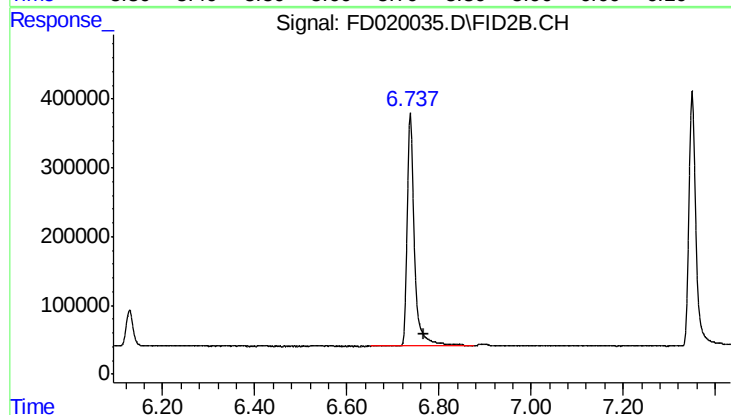
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.025 min
Response: 2436627
Conc: 27.52 ug/ml



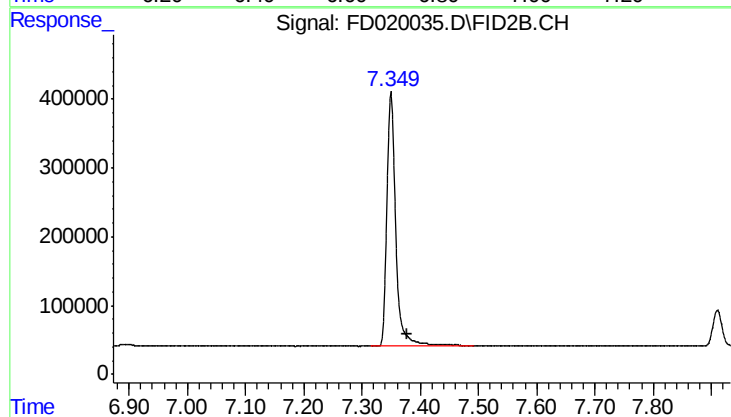
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.030 min
Response: 3449729
Conc: 38.62 ug/ml



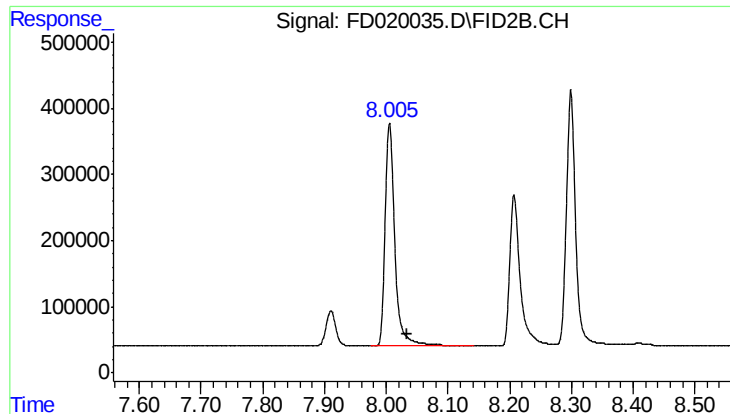
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.028 min
Response: 3683807
Conc: 40.13 ug/ml



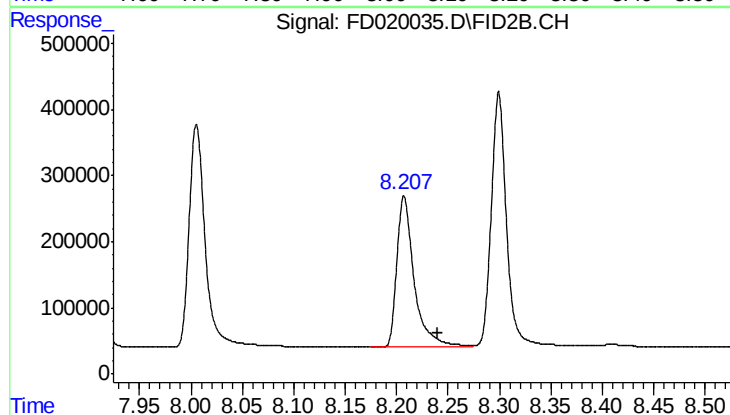
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.028 min
Response: 3929824
Conc: 48.57 ug/ml



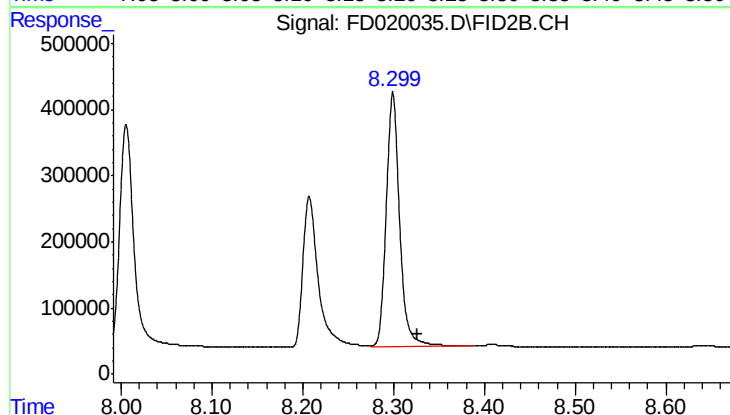
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.028 min
Response: 3675269
Conc: 38.76 ug/ml



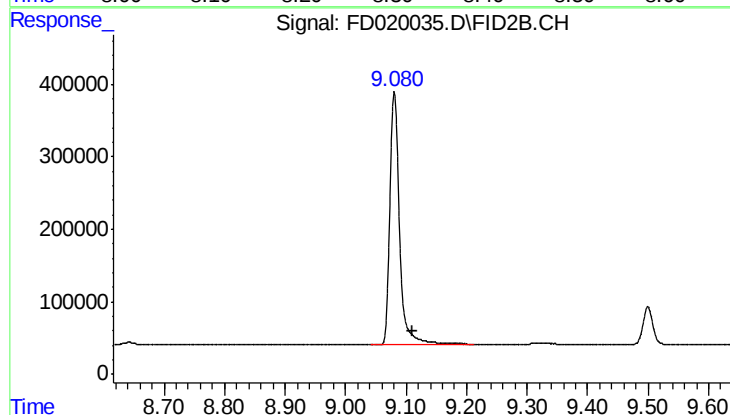
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.032 min
Response: 2659419
Conc: 48.62 ug/ml



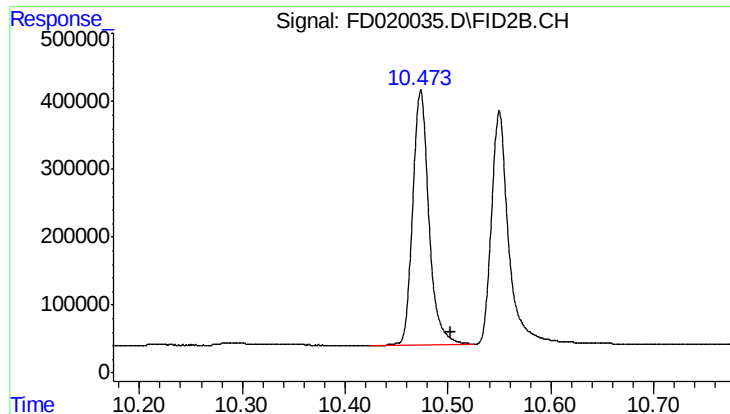
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.026 min
Response: 3926359
Conc: 40.25 ug/ml



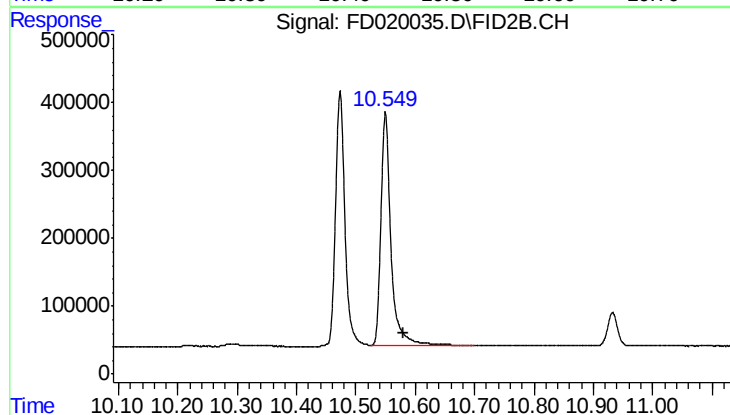
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: -0.028 min
Response: 3876406
Conc: 40.79 ug/ml



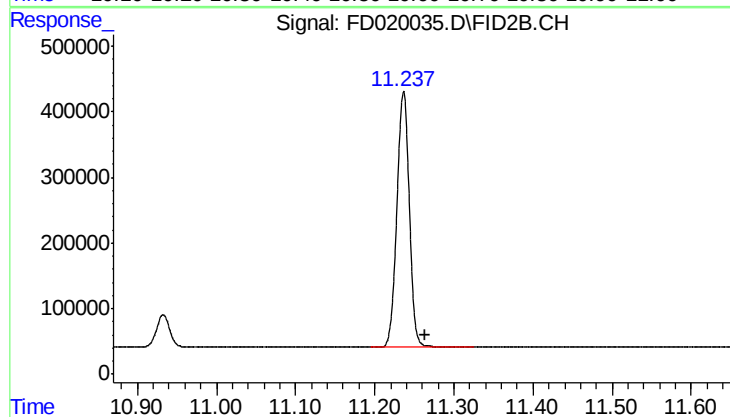
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: -0.029 min
Response: 4122249
Conc: 41.46 ug/ml



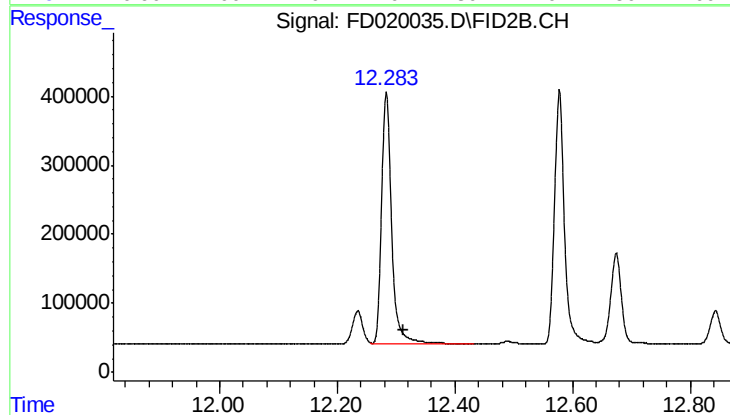
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: -0.030 min
Response: 4088500
Conc: 42.04 ug/ml



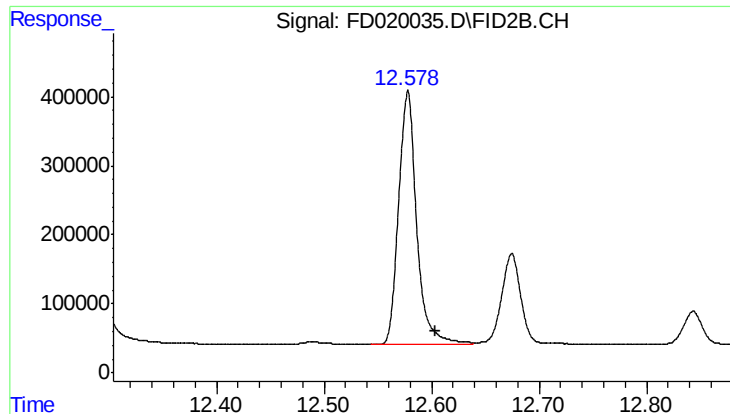
#11 ortho-Terphenyl (SURRE)

R.T.: 11.236 min
Delta R.T.: -0.027 min
Response: 4258953
Conc: 43.05 ug/ml



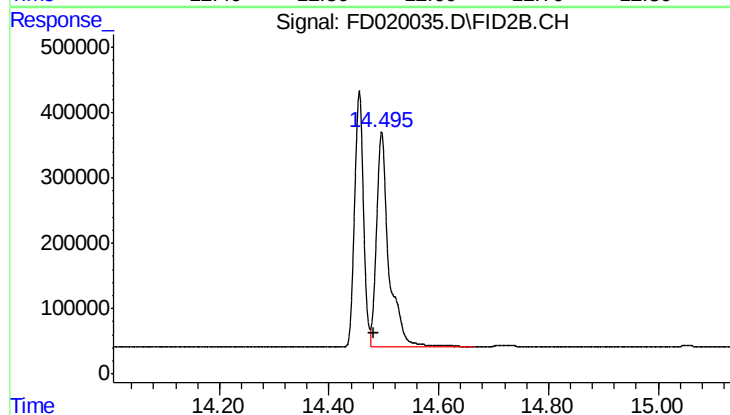
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 4334822
Conc: 40.89 ug/ml



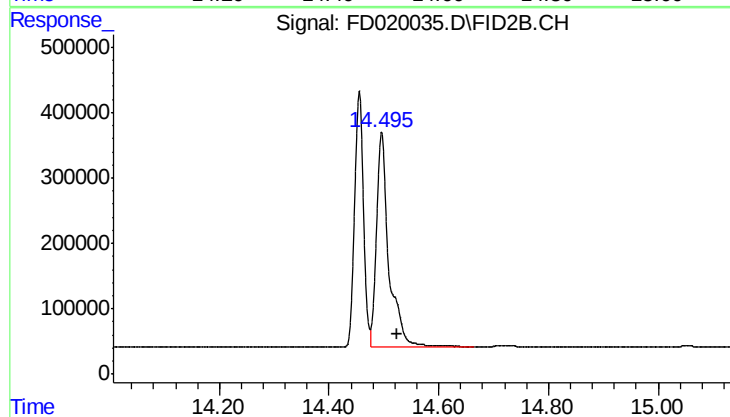
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.026 min
Response: 4266869
Conc: 40.28 ug/ml



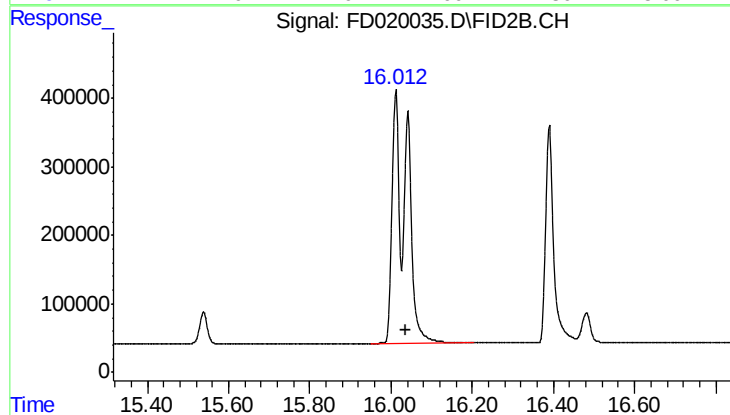
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: 0.015 min
Response: 5109334
Conc: 48.82 ug/ml



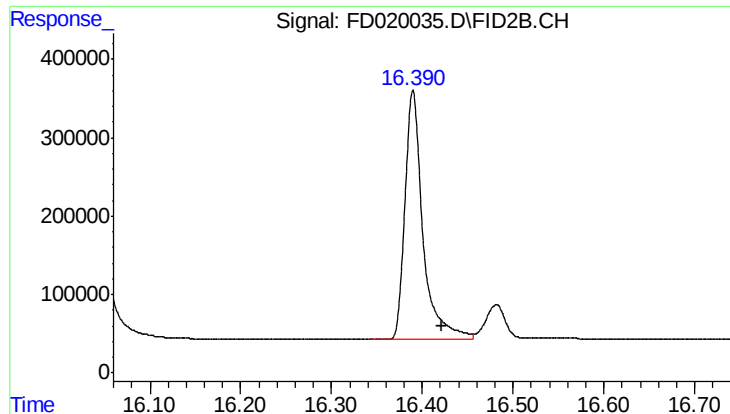
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 5109334
Conc: 47.28 ug/ml



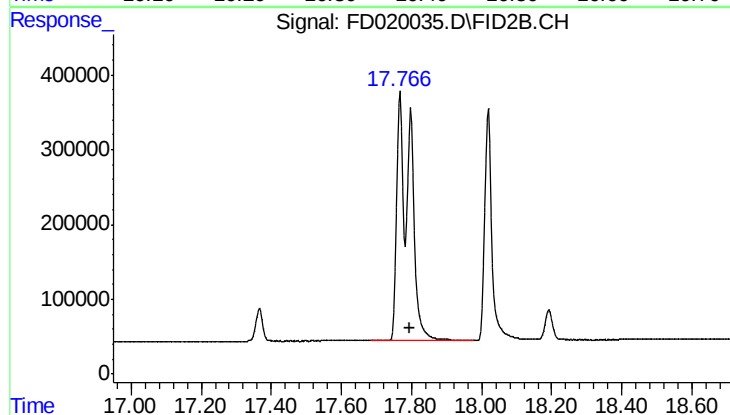
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.025 min
Response: 8905773
Conc: 82.78 ug/ml



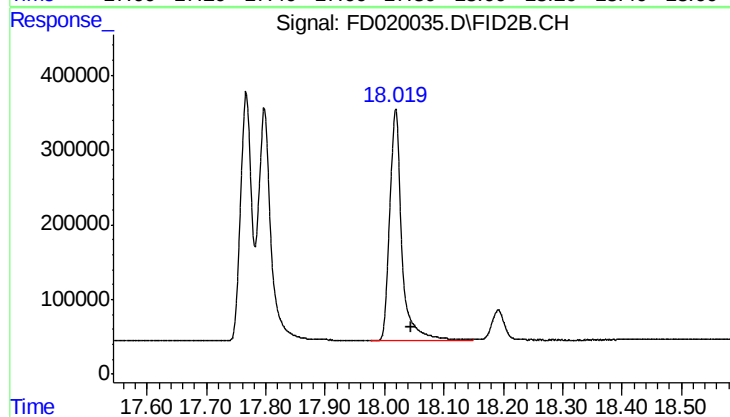
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.031 min
Response: 4357865
Conc: 39.98 ug/ml



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

R.T.: 17.767 min
Delta R.T.: -0.026 min
Response: 8639678
Conc: 87.33 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.026 min
Response: 4351938
Conc: 41.70 ug/ml