

Data Path : P:\HPCHEM1\FID D\Data\FD051118AR\
 Data File : FD023612.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2018 7:05
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 14 17:41:15 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Mon May 14 17:37:14 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...	7.248	2661983	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
6) S 2-Fluorobiphenyl (SURR)	8.109	1592140	22.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.68%
11) S ortho-Terphenyl (SURR)	11.118	3204335	22.920 ug/ml
Spiked Amount 50.000		Recovery =	45.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.067	2762960	19.821 ug/ml
2) T Naphthalene (C11.7)	5.593	2818958	20.596 ug/ml
3) T 2-Methylnaphthalene (...)	6.639	2808568	20.575 ug/ml
5) T Acenaphthylene (C15.06)	7.901	3032107	20.745 ug/ml
7) T Acenaphthene (C15.5)	8.191	3387352	20.051 ug/ml
8) T Fluorene (C16.55)	8.974	3048945	21.291 ug/ml
9) T Phenanthrene (C19.36)	10.365	3132964	23.604 ug/ml
10) T Anthracene (C19.43)	10.443	3171101	22.664 ug/ml
12) T Fluoranthene (C21.85)	12.172	3345607	24.357 ug/ml
13) T Pyrene (C20.8)	12.465	3309014	23.442 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.344	3147215	25.333 ug/ml
15) T Chrysene (C27.41)	14.386	3484951	22.510 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.903	3024481	22.437 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	15.933	3670932	22.247 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.288	3069393	21.292 ug/mlm
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.671	1831084	14.110 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.694	3988531	23.978 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.923	2591782	17.487 ug/ml

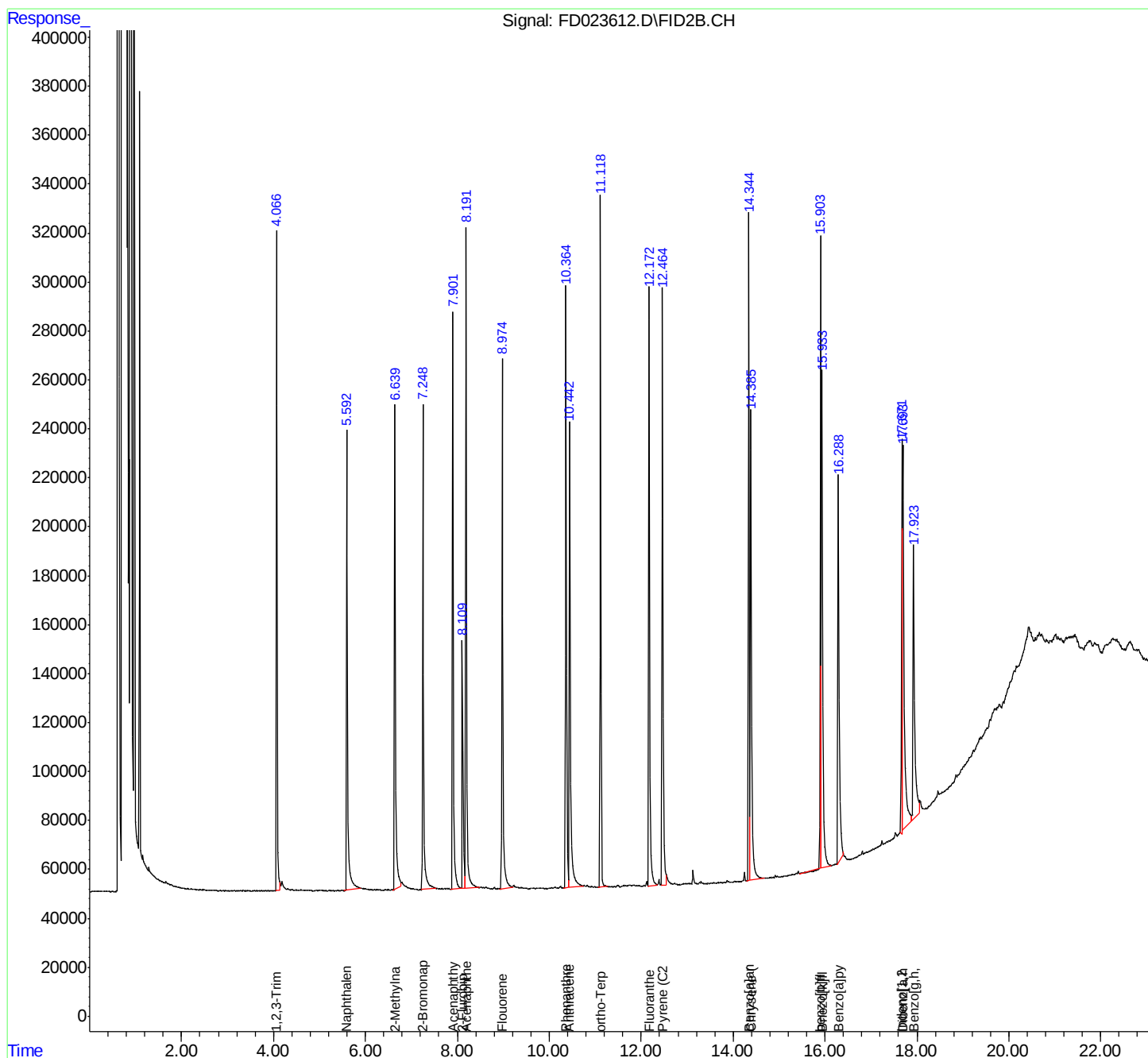
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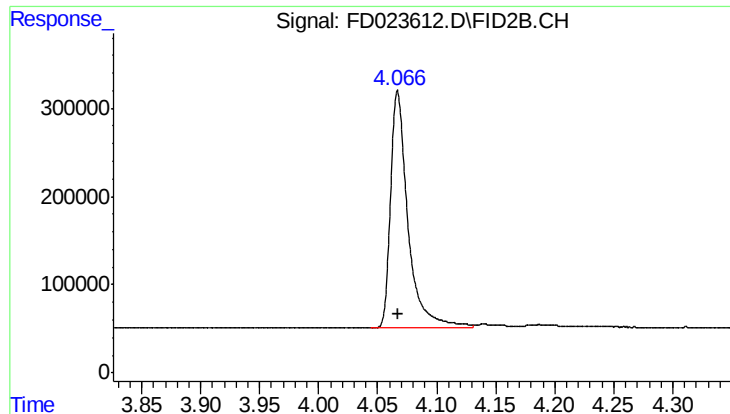
(m)=manual int.

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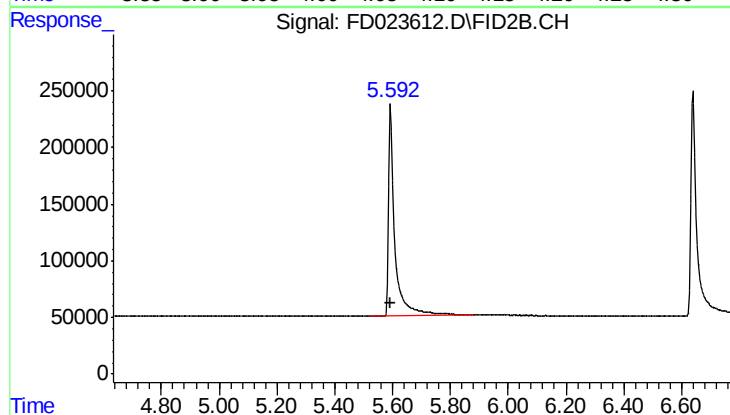
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Signal Info : 20M x 0.18mm x 0.18µm





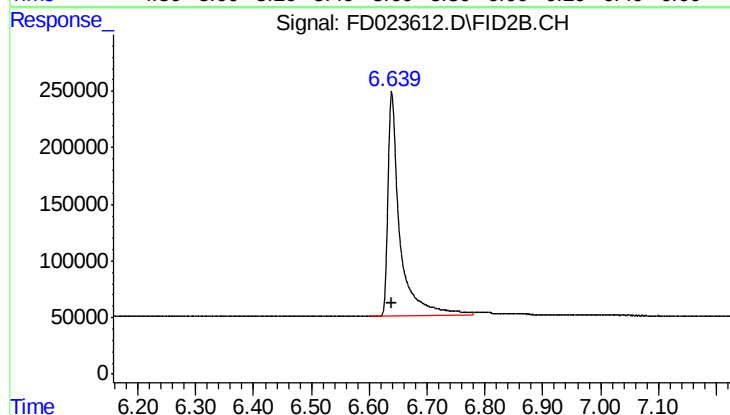
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 2762960
Conc: 19.82 ug/ml



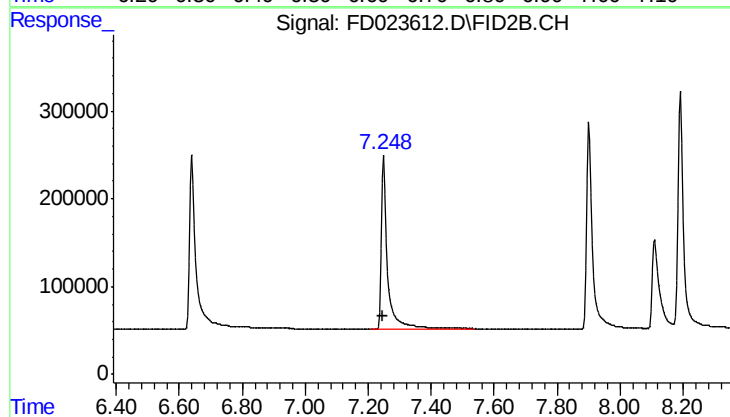
#2 Naphthalene (C11.7)

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 2818958
Conc: 20.60 ug/ml



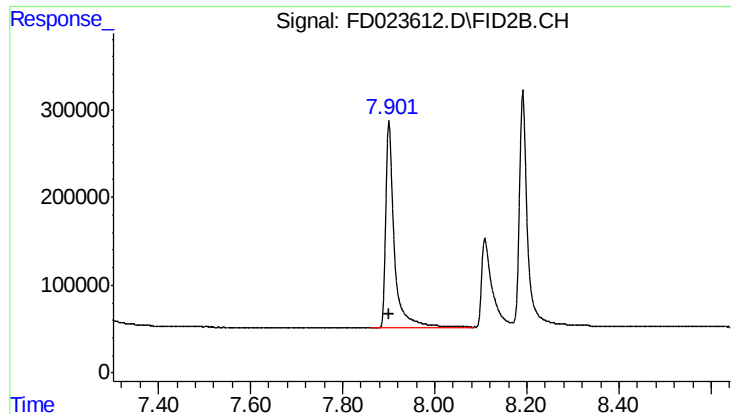
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 2808568
Conc: 20.57 ug/ml



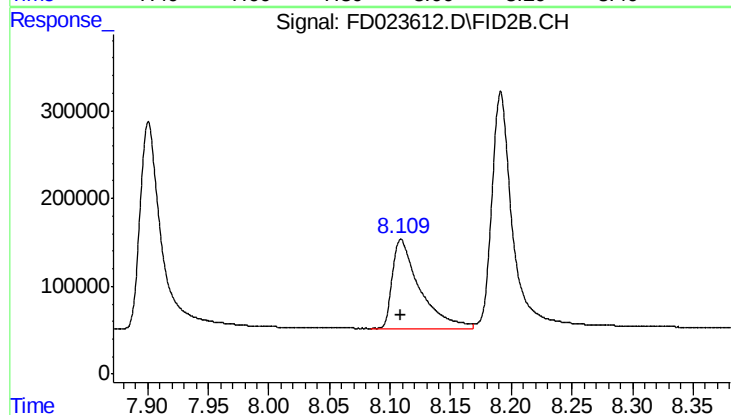
#4 2-Bromonaphthalene (SURR)

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 2661983
Conc: 19.63 ug/ml



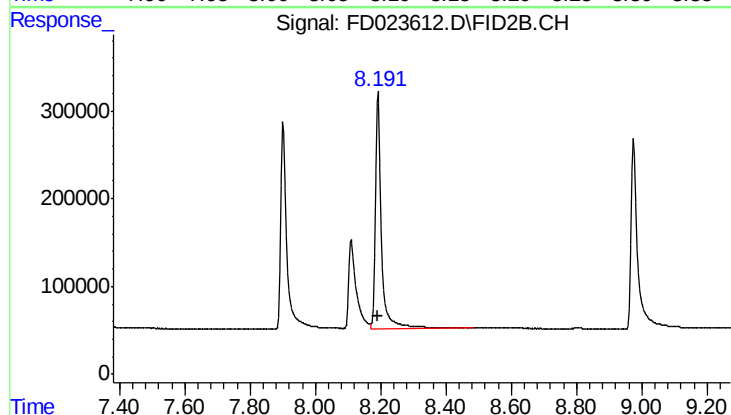
#5 Acenaphthylene (C15.06)

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 3032107
Conc: 20.75 ug/ml



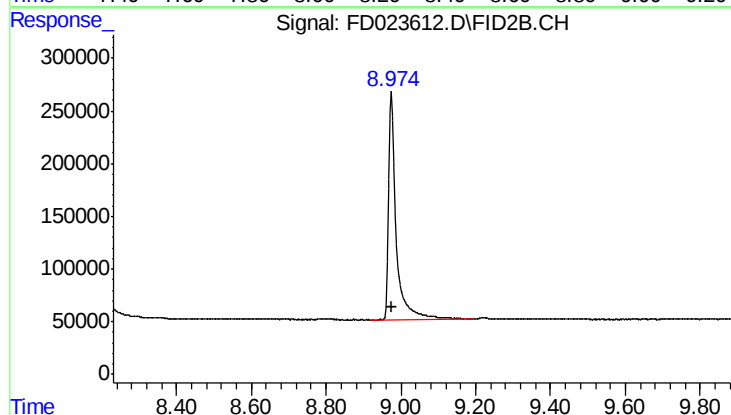
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 1592140
Conc: 22.34 ug/ml



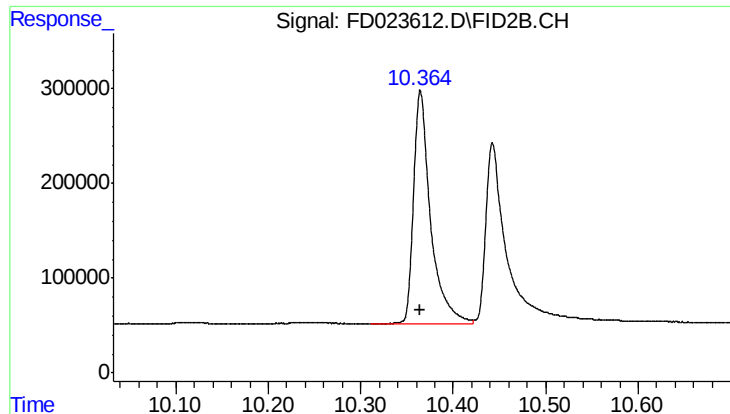
#7 Acenaphthene (C15.5)

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 3387352
Conc: 20.05 ug/ml



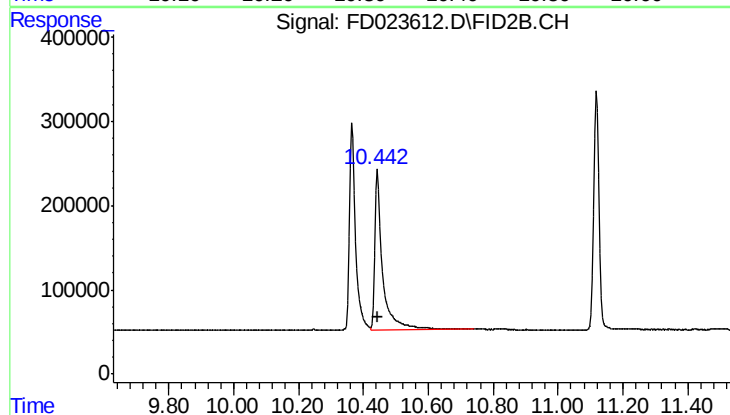
#8 Fluorene (C16.55)

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 3048945
Conc: 21.29 ug/ml



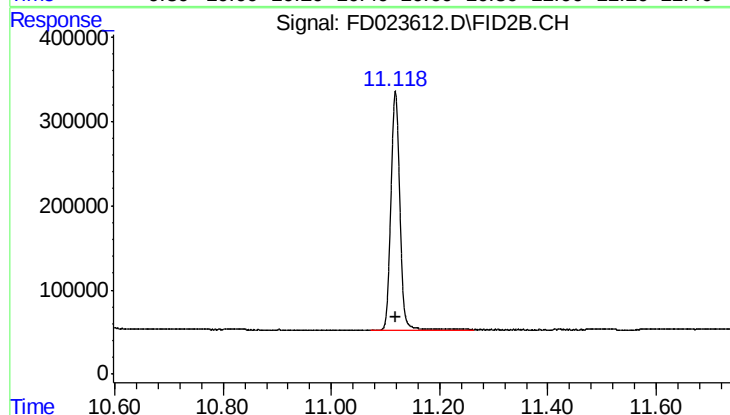
#9 Phenanthrene (C19.36)

R.T.: 10.365 min
Delta R.T.: 0.000 min
Response: 3132964
Conc: 23.60 ug/ml



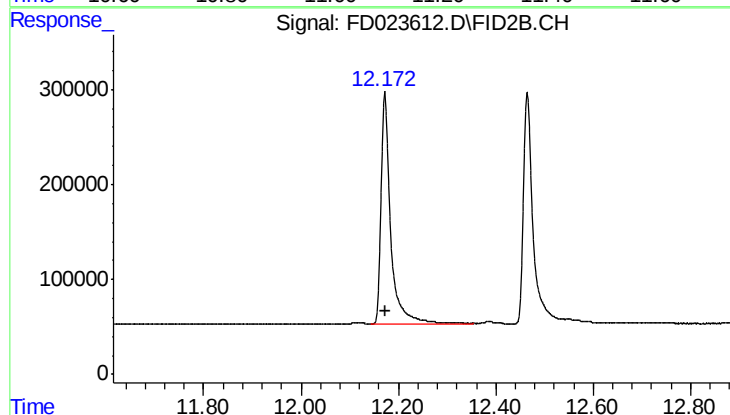
#10 Anthracene (C19.43)

R.T.: 10.443 min
Delta R.T.: 0.000 min
Response: 3171101
Conc: 22.66 ug/ml



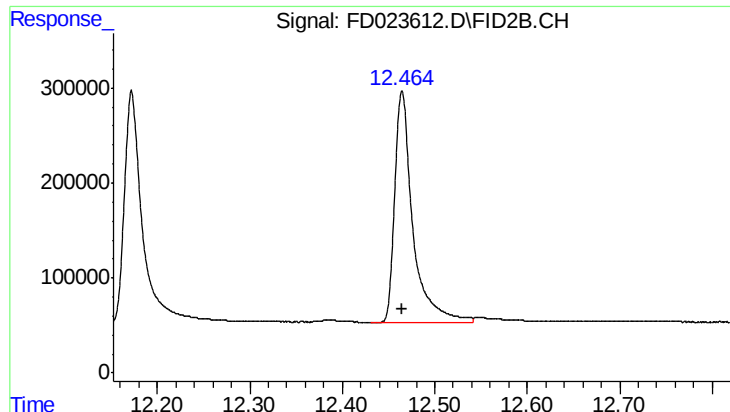
#11 ortho-Terphenyl (SURR)

R.T.: 11.118 min
Delta R.T.: 0.000 min
Response: 3204335
Conc: 22.92 ug/ml



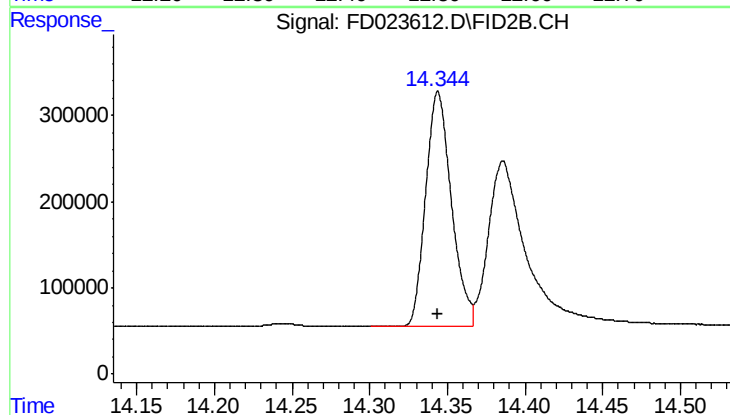
#12 Fluoranthene (C21.85)

R.T.: 12.172 min
Delta R.T.: 0.000 min
Response: 3345607
Conc: 24.36 ug/ml



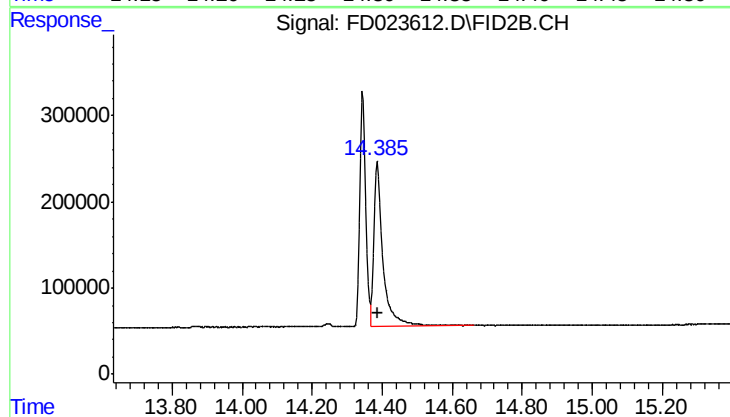
#13 Pyrene (C20.8)

R.T.: 12.465 min
Delta R.T.: 0.000 min
Response: 3309014
Conc: 23.44 ug/ml



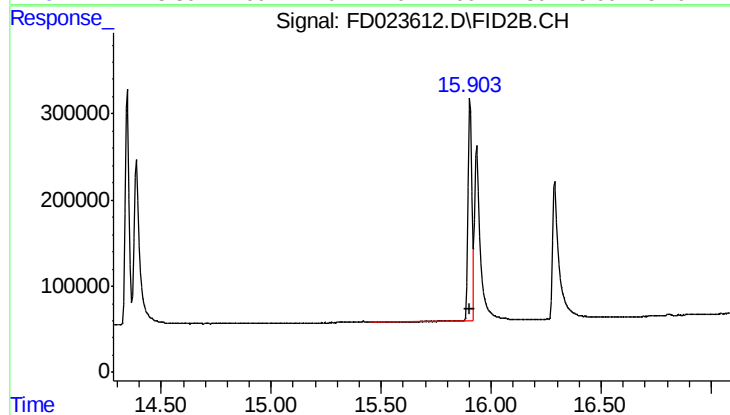
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.344 min
Delta R.T.: 0.000 min
Response: 3147215
Conc: 25.33 ug/ml



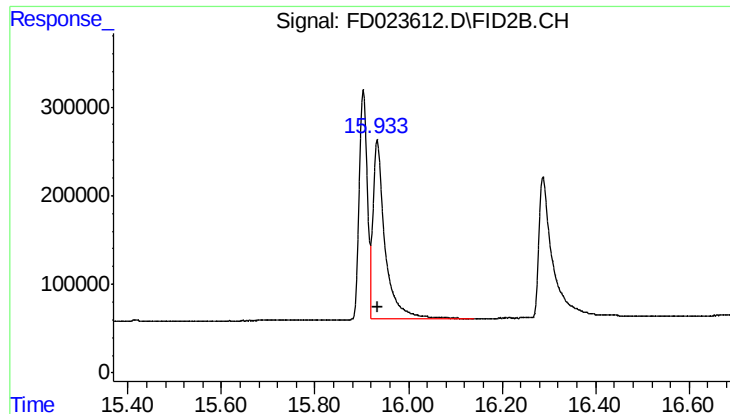
#15 Chrysene (C27.41)

R.T.: 14.386 min
Delta R.T.: 0.000 min
Response: 3484951
Conc: 22.51 ug/ml



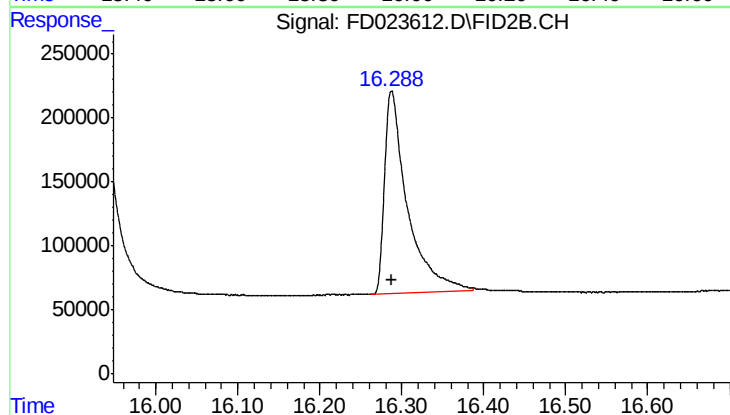
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.903 min
Delta R.T.: 0.000 min
Response: 3024481
Conc: 22.44 ug/ml



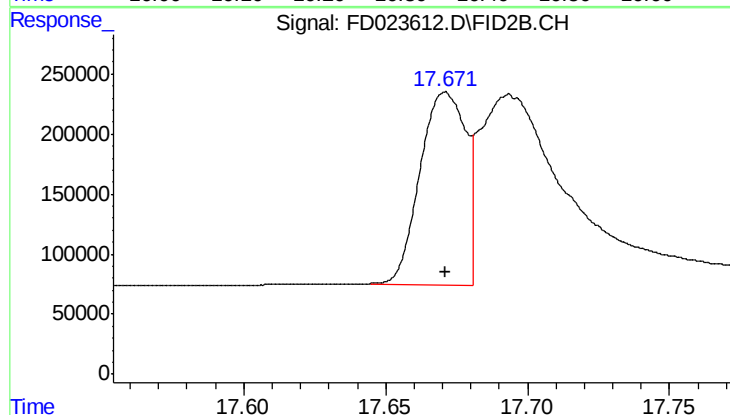
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 15.933 min
Delta R.T.: 0.000 min
Response: 3670932
Conc: 22.25 ug/ml



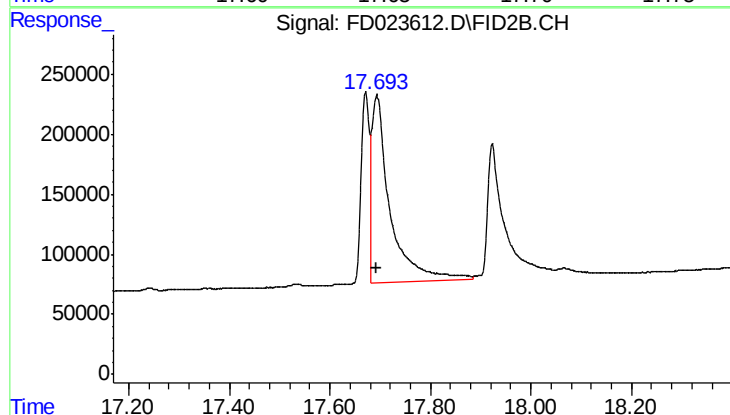
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 3069393
Conc: 21.29 ug/ml m



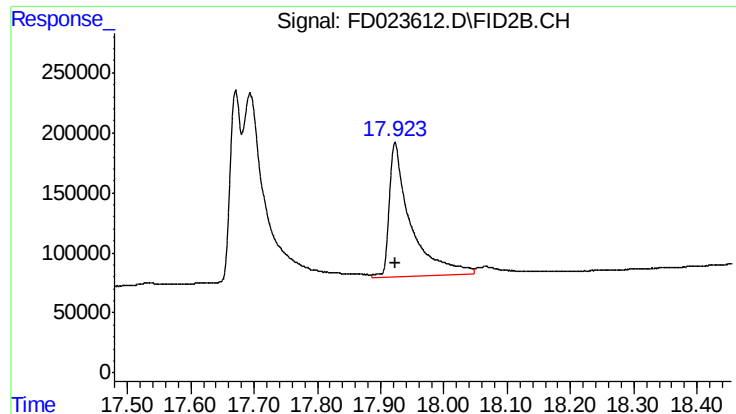
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.671 min
Delta R.T.: 0.000 min
Response: 1831084
Conc: 14.11 ug/ml m



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

R.T.: 17.694 min
Delta R.T.: 0.000 min
Response: 3988531
Conc: 23.98 ug/ml



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

R.T.: 17.923 min
Delta R.T.: 0.000 min
Response: 2591782
Conc: 17.49 ug/ml