

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042774.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 12:08
 Operator : UA/NP
 Sample : N1645-01
 Misc : 2.5PPM LOD SOIL
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 07 02:03:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.664	6878756	45.015 ug/ml
Spiked Amount 50.000		Recovery =	90.03%
6) S 2-Fluorobiphenyl (SURR)	8.528	4566543	44.402 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	88.80%
11) S ortho-Terphenyl (SURR)	11.577	6665717	37.549 ug/ml
Spiked Amount 50.000		Recovery =	75.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.453	327579	1.957 ug/ml
2) T Naphthalene (C11.7)	5.996	380694	2.202 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	379762	2.381 ug/ml
5) T Acenaphthylene (C15.06)	8.327	358222	2.073 ug/ml
7) T Acenaphthene (C15.5)	8.623	367941	2.138 ug/ml
8) T Fluorene (C16.55)	9.404	363455	2.165 ug/ml
9) T Phenanthrene (C19.36)	10.802	352311	2.142 ug/ml
10) T Anthracene (C19.43)	10.876	327520	2.143 ug/ml
12) T Fluoranthene (C21.85)	12.616	336472	2.136 ug/ml
13) T Pyrene (C20.8)	12.913	331450	2.129 ug/ml
14) T Benzo[a]anthracene (C...	14.785	297073	2.228 ug/ml
15) T Chrysene (C27.41)	14.827	330082	2.498 ug/ml
16) T benzo[b]fluoranthene ...	16.335	305076	2.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.366	301180	2.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	269685	2.179 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	274256	2.461 ug/ml
20) T Dibenz[a,h]anthracene...	18.120	293079	2.635 ug/ml
21) T Benzo[g,h,i]perylene ...	18.331	299063	2.516 ug/ml

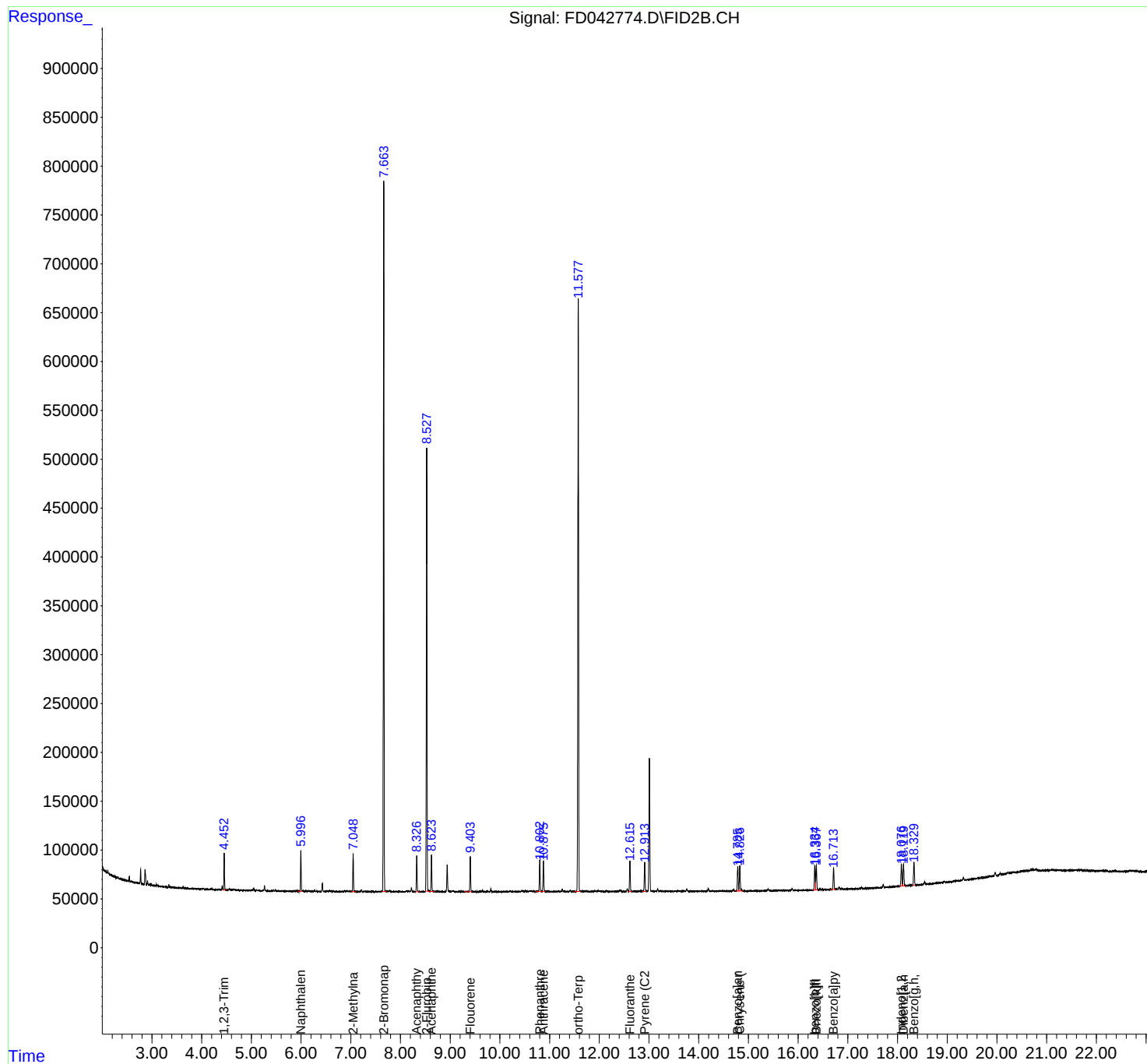
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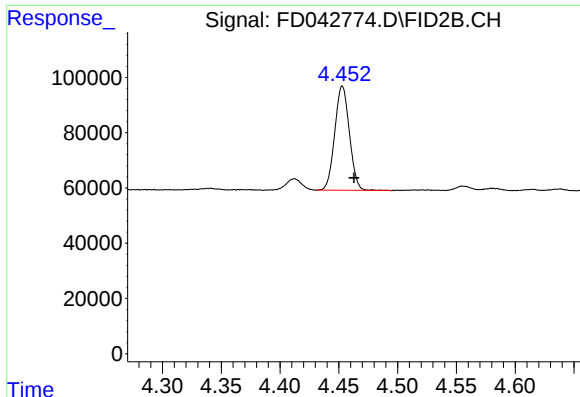
(m)=manual int.

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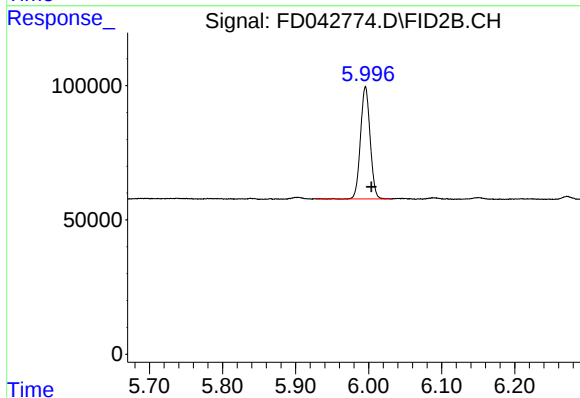
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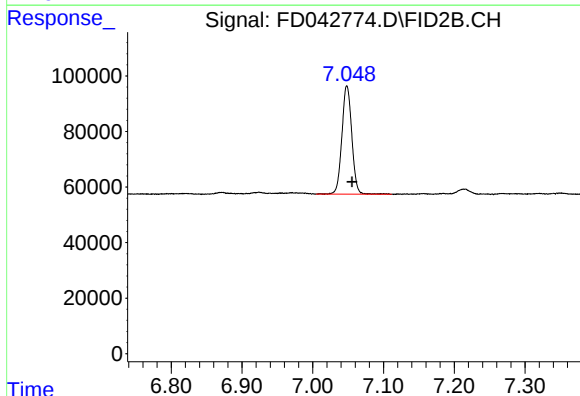
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.453 min
Delta R.T.: -0.010 min
Response: 327579
Conc: 1.96 ug/ml



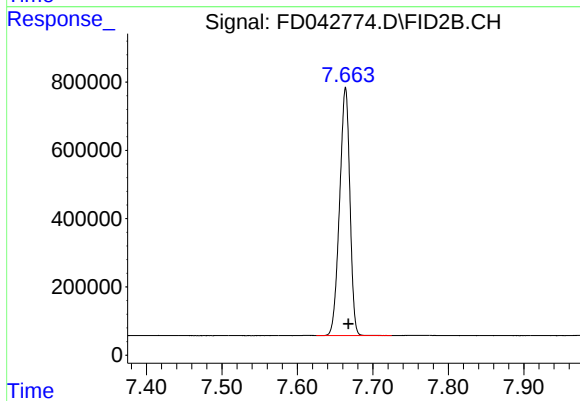
#2 Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.008 min
Response: 380694
Conc: 2.20 ug/ml



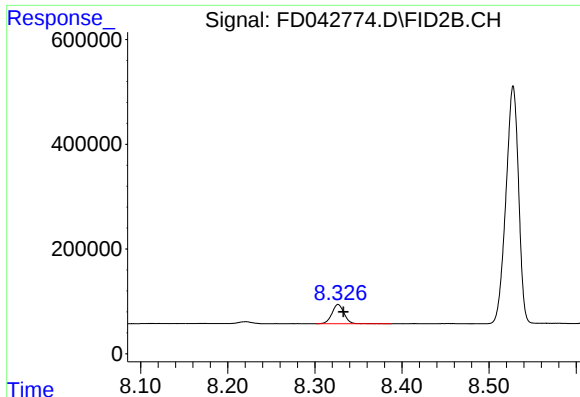
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.007 min
Response: 379762
Conc: 2.38 ug/ml



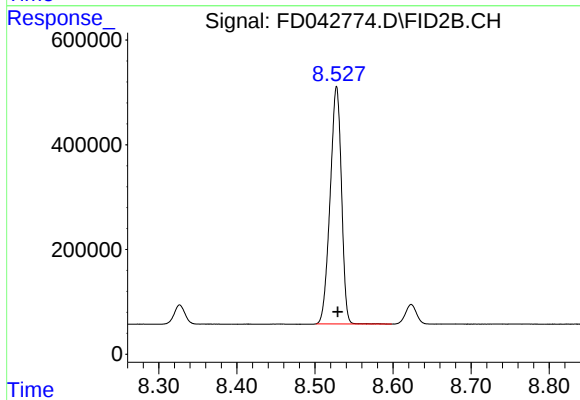
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 6878756
Conc: 45.01 ug/ml



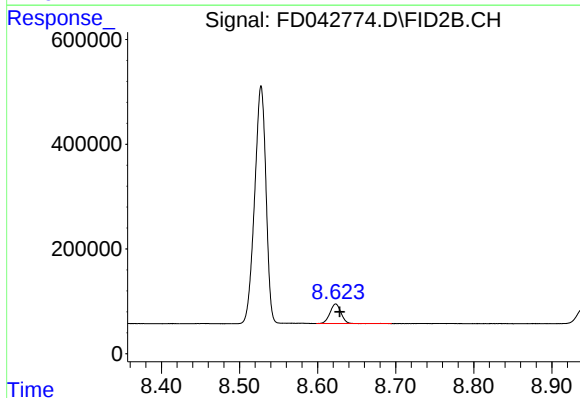
#5 Acenaphthylene (C15.06)

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 358222
Conc: 2.07 ug/ml



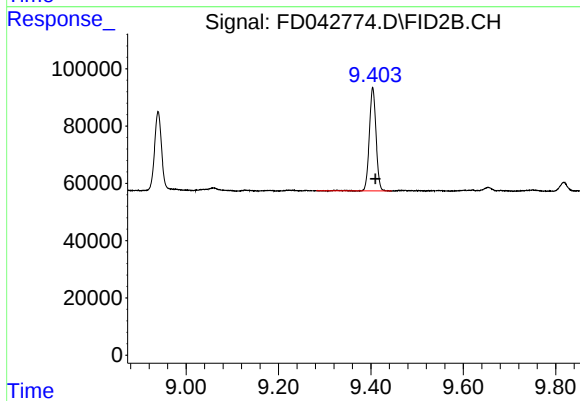
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 4566543
Conc: 44.40 ug/ml



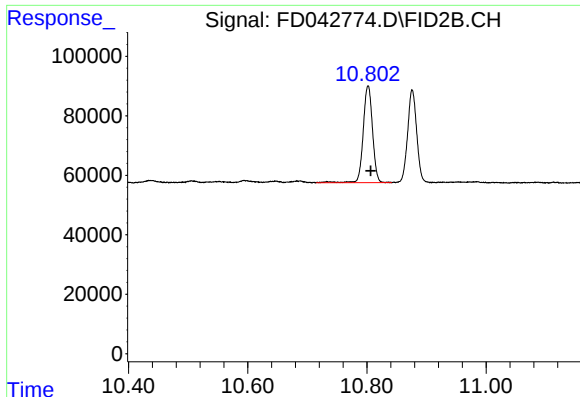
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 367941
Conc: 2.14 ug/ml



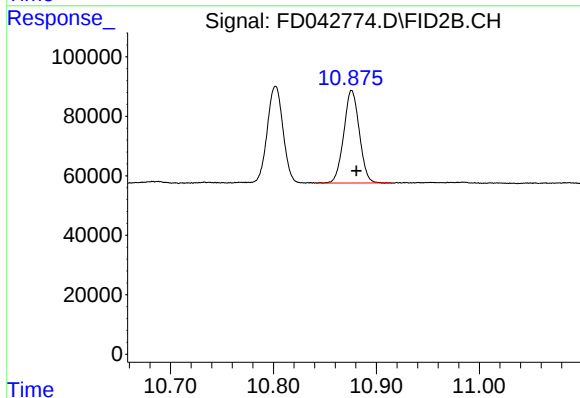
#8 Fluorene (C16.55)

R.T.: 9.404 min
Delta R.T.: -0.005 min
Response: 363455
Conc: 2.16 ug/ml



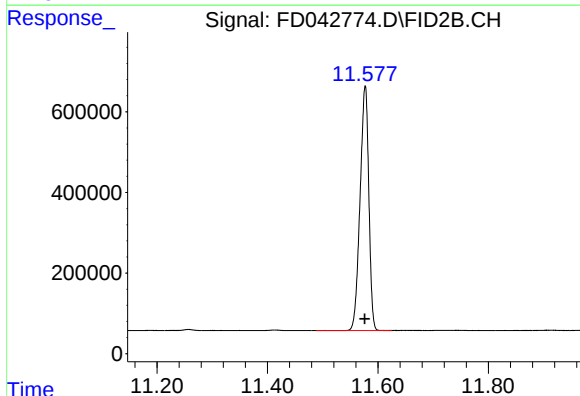
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.005 min
Response: 352311
Conc: 2.14 ug/ml



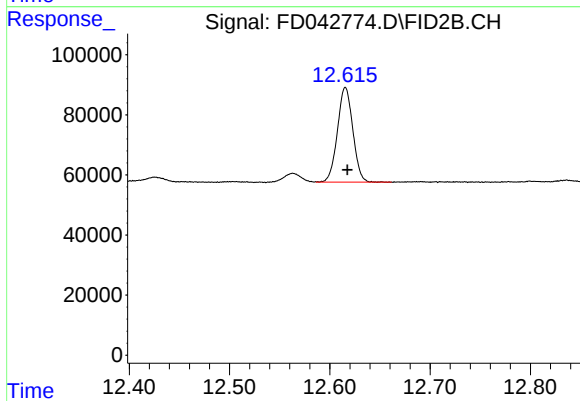
#10 Anthracene (C19.43)

R.T.: 10.876 min
Delta R.T.: -0.004 min
Response: 327520
Conc: 2.14 ug/ml



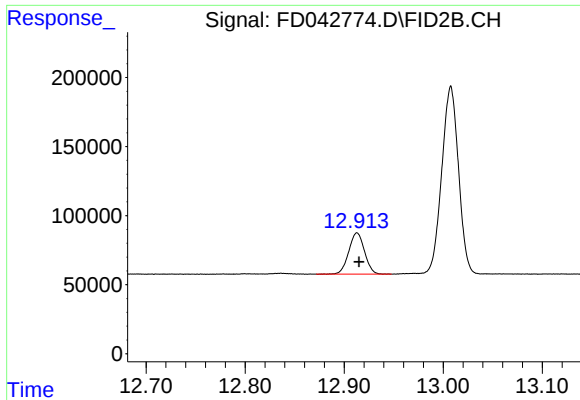
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: 0.000 min
Response: 6665717
Conc: 37.55 ug/ml



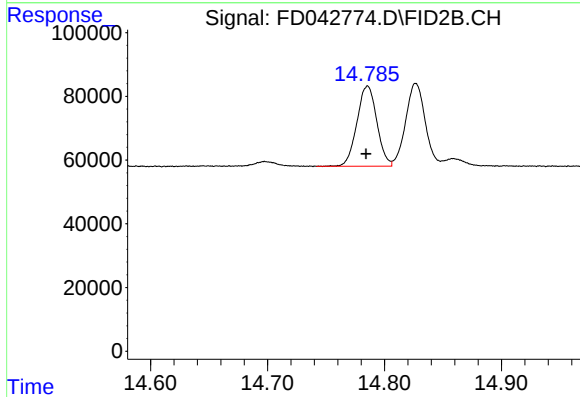
#12 Fluoranthene (C21.85)

R.T.: 12.616 min
Delta R.T.: -0.002 min
Response: 336472
Conc: 2.14 ug/ml



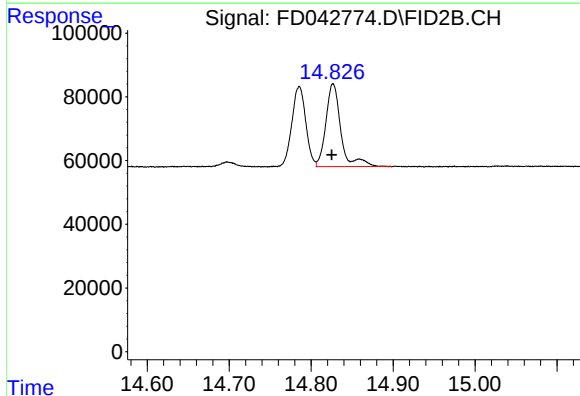
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: -0.002 min
Response: 331450
Conc: 2.13 ug/ml



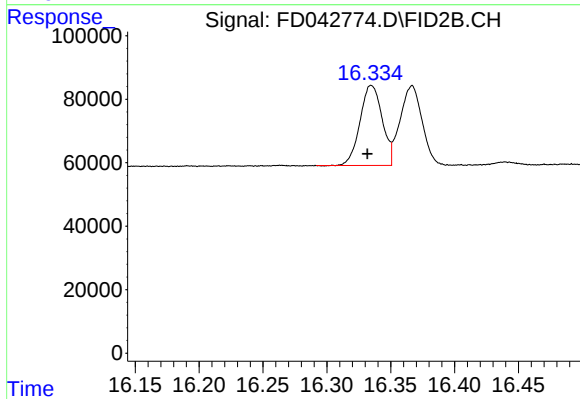
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: 0.001 min
Response: 297073
Conc: 2.23 ug/ml



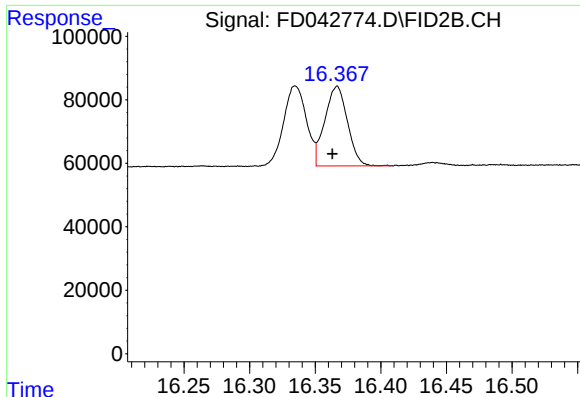
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: 0.002 min
Response: 330082
Conc: 2.50 ug/ml



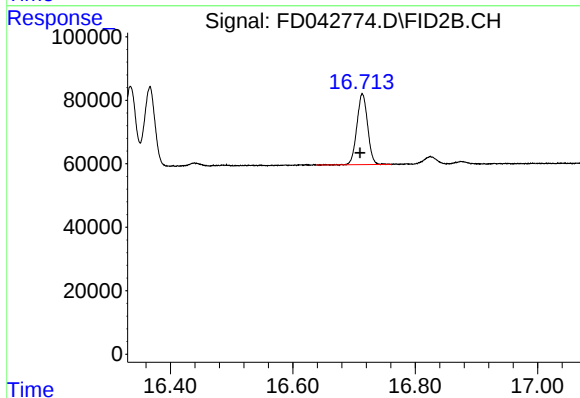
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.335 min
Delta R.T.: 0.003 min
Response: 305076
Conc: 2.29 ug/ml



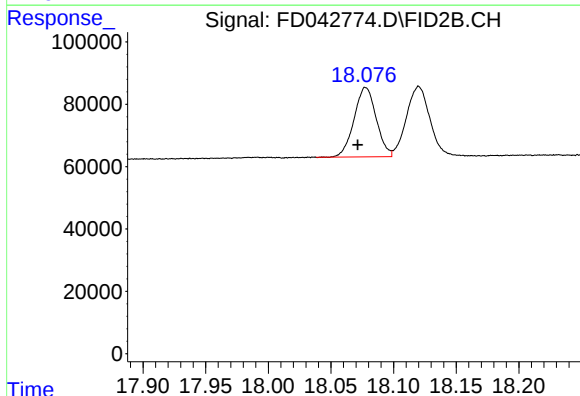
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 301180
Conc: 2.43 ug/ml



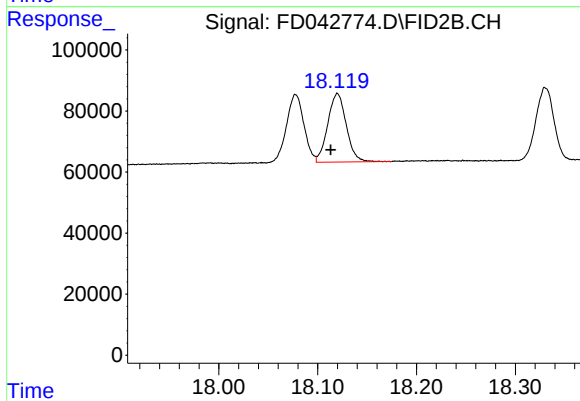
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: 0.004 min
Response: 269685
Conc: 2.18 ug/ml



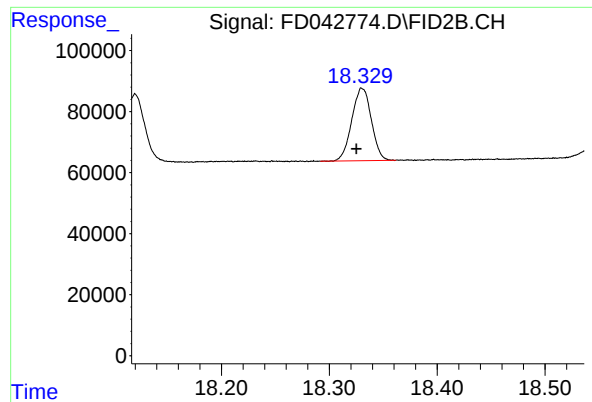
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.006 min
Response: 274256
Conc: 2.46 ug/ml



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

R.T.: 18.120 min
Delta R.T.: 0.007 min
Response: 293079
Conc: 2.63 ug/ml



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

R.T.: 18.331 min
Delta R.T.: 0.005 min
Response: 299063
Conc: 2.52 ug/ml