

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD080618AR\
 Data File : FD025330.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2018 21:24
 Operator : AJ\SJ
 Sample : J4323-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 07:59:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.439	3688089	47.777 ug/ml
Spiked Amount 50.000		Recovery =	95.55%
6) S 2-Fluorobiphenyl (SURR)	8.292	2625576	48.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.66%
11) S ortho-Terphenyl (SURR)	11.337	3966134	46.735 ug/ml
Spiked Amount 50.000		Recovery =	93.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	2198891	28.154 ug/ml
2) T Naphthalene (C11.7)	5.773	2892579	33.575 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3058609	35.573 ug/ml
5) T Acenaphthylene (C15.06)	8.095	3154190	37.135 ug/ml
7) T Acenaphthene (C15.5)	8.391	3286126	36.907 ug/ml
8) T Fluorene (C16.55)	9.171	3440282	38.628 ug/ml
9) T Phenanthrene (C19.36)	10.562	3799750	42.425 ug/ml
10) T Anthracene (C19.43)	10.637	3777656	42.900 ug/ml
12) T Fluoranthene (C21.85)	12.370	4058596	46.194 ug/ml
13) T Pyrene (C20.8)	12.664	3974040	45.222 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.533	4120924	49.411 ug/ml
15) T Chrysene (C27.41)	14.578	4076682	48.393 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.081	4284861	47.626 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.117	4211367	46.775 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.459	4315069	46.880 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.822	4323852	45.829 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.865	4239522	46.327 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.077	4349621	44.900 ug/ml

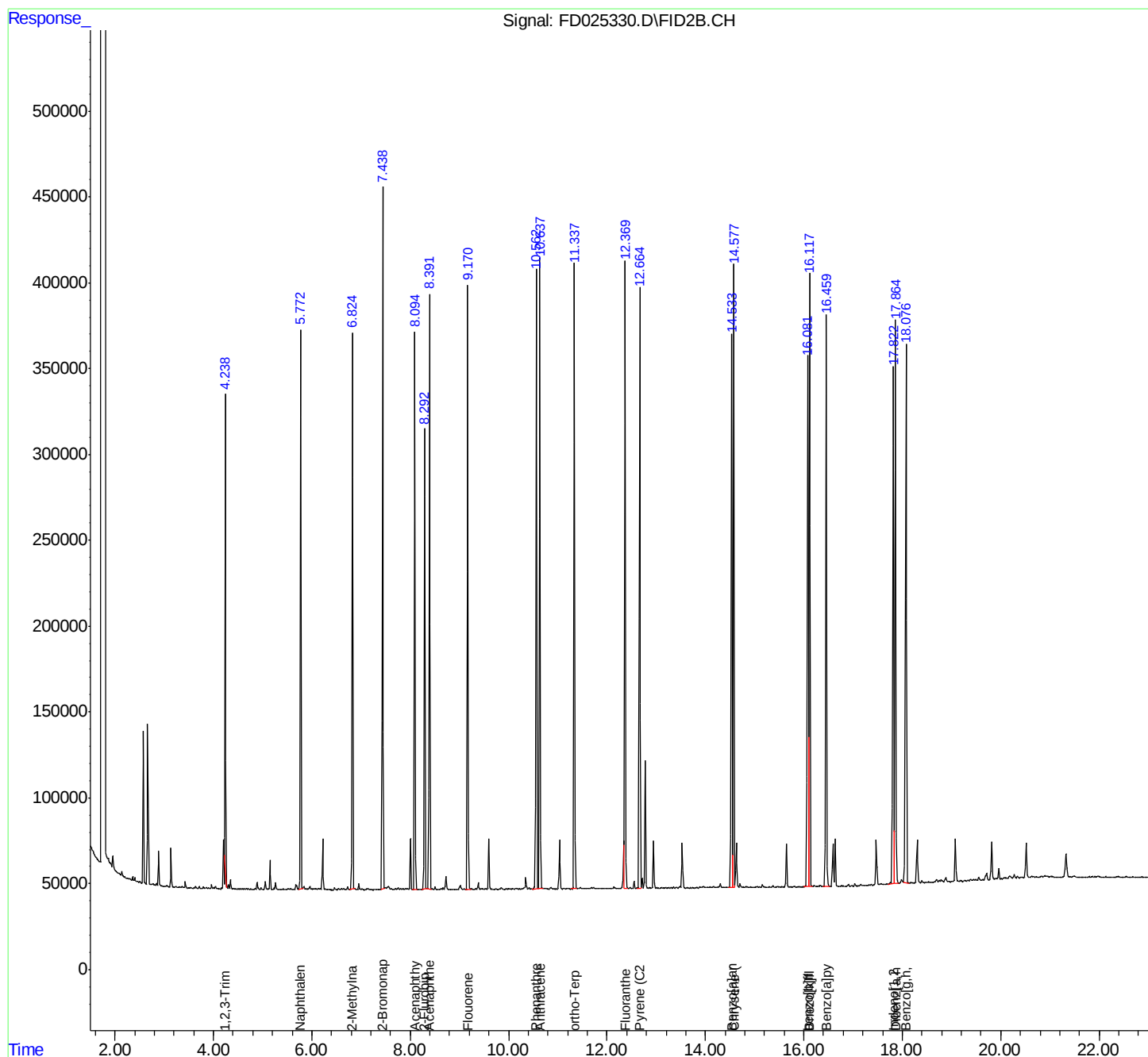
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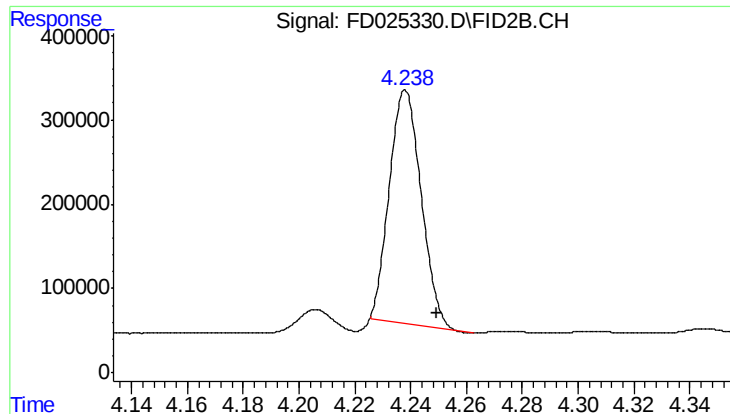
(m)=manual int.

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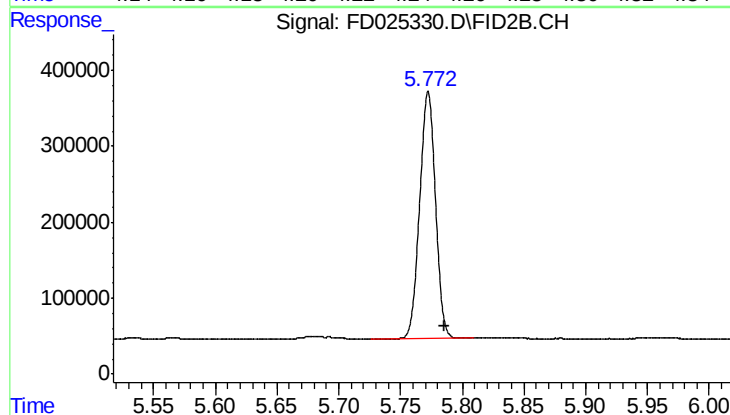
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Signal Info : 20M x 0.18mm x 0.18µm





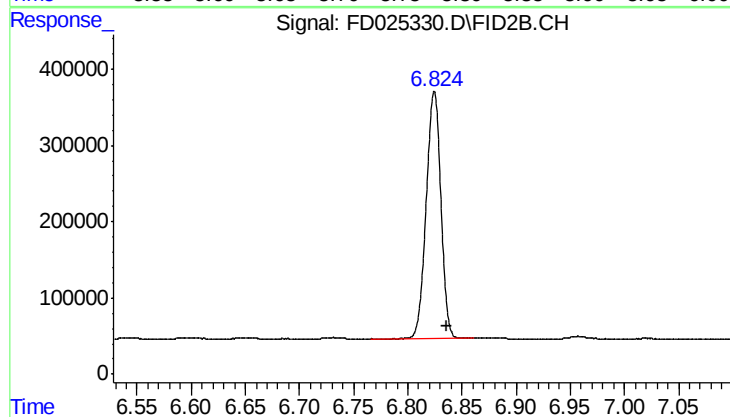
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 2198891
Conc: 28.15 ug/ml



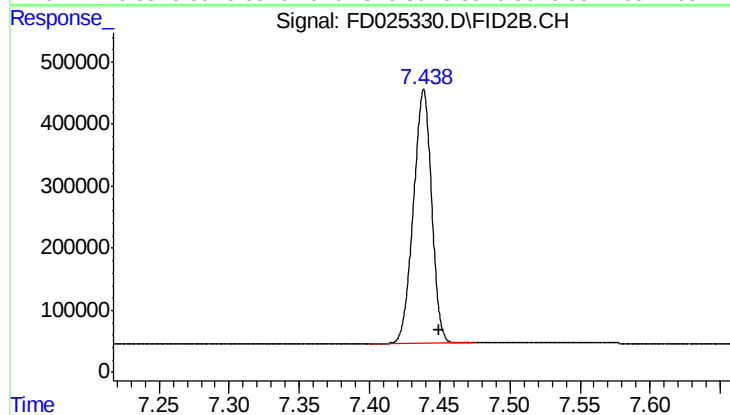
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 2892579
Conc: 33.58 ug/ml



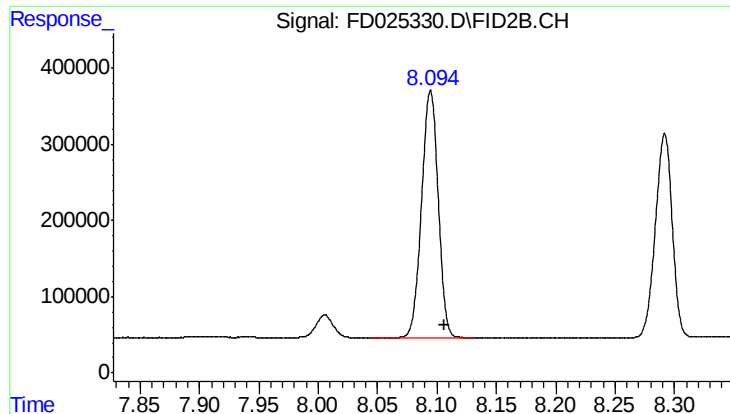
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 3058609
Conc: 35.57 ug/ml



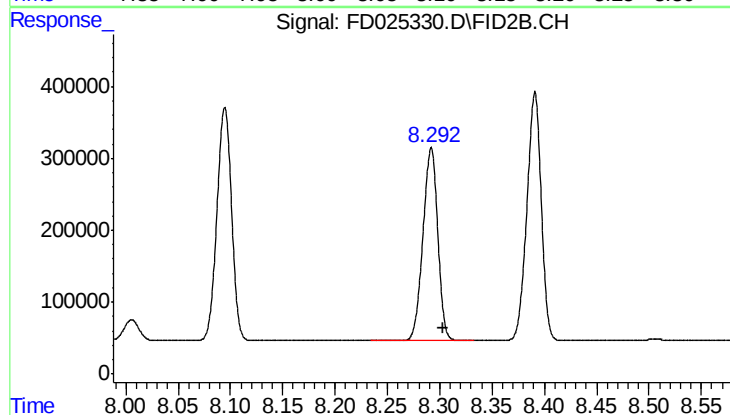
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.011 min
Response: 3688089
Conc: 47.78 ug/ml



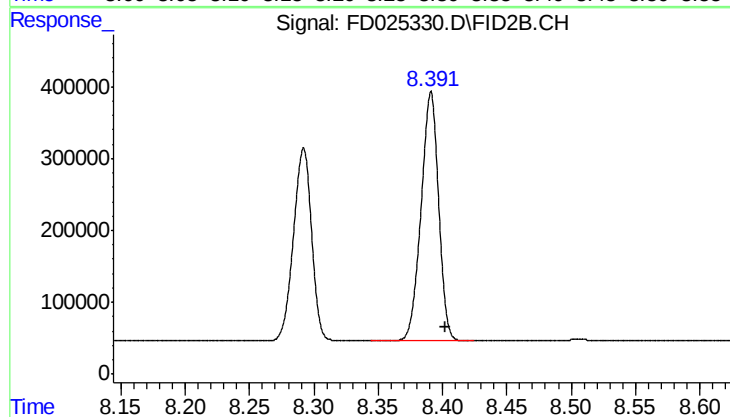
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 3154190
Conc: 37.14 ug/ml



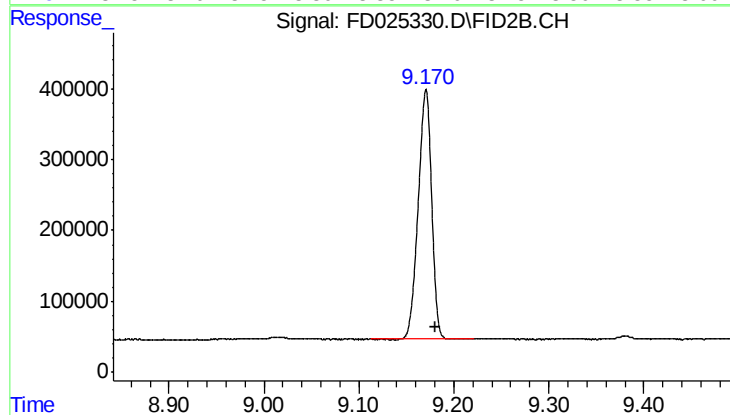
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 2625576
Conc: 48.83 ug/ml



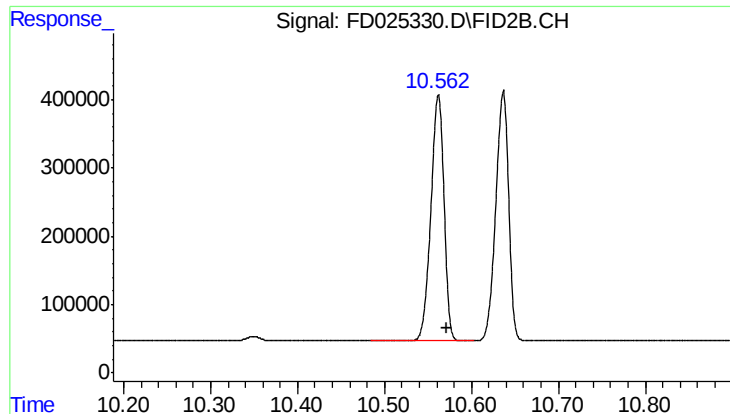
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: -0.011 min
Response: 3286126
Conc: 36.91 ug/ml



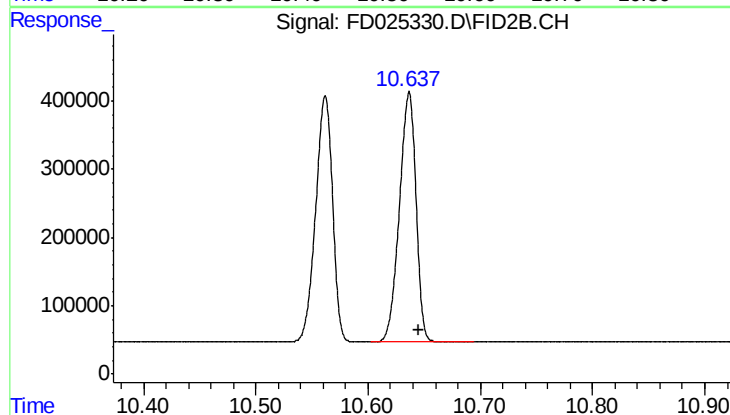
#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.010 min
Response: 3440282
Conc: 38.63 ug/ml



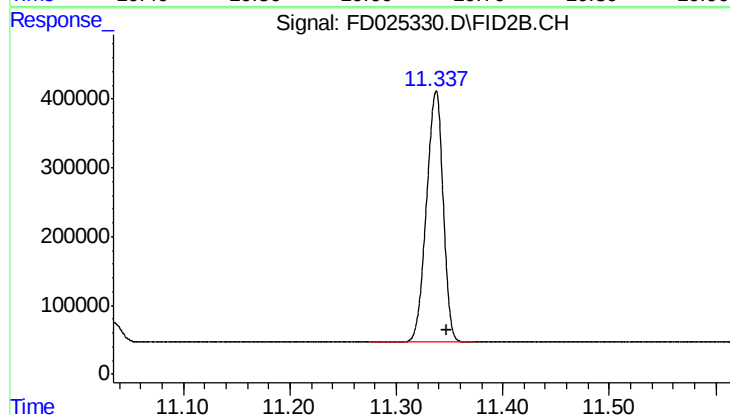
#9 Phenanthrene (C19.36)

R.T.: 10.562 min
Delta R.T.: -0.010 min
Response: 3799750
Conc: 42.42 ug/ml



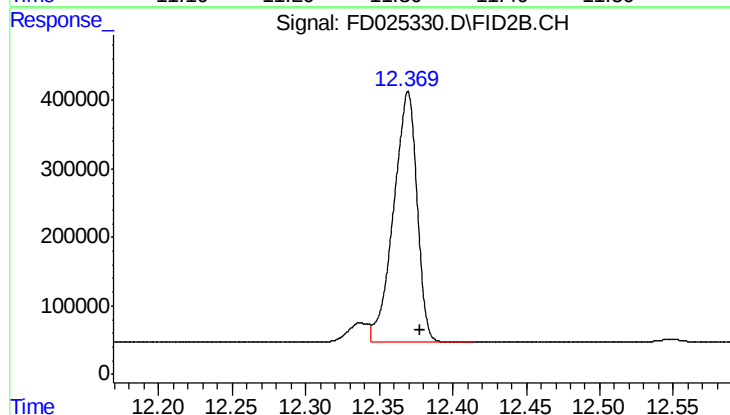
#10 Anthracene (C19.43)

R.T.: 10.637 min
Delta R.T.: -0.008 min
Response: 3777656
Conc: 42.90 ug/ml



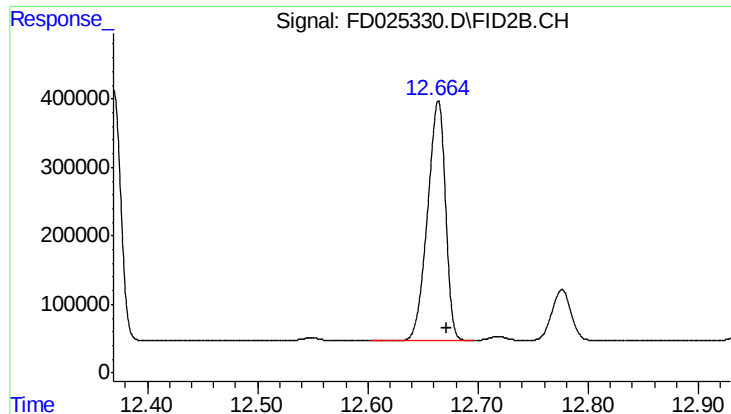
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.010 min
Response: 3966134
Conc: 46.74 ug/ml



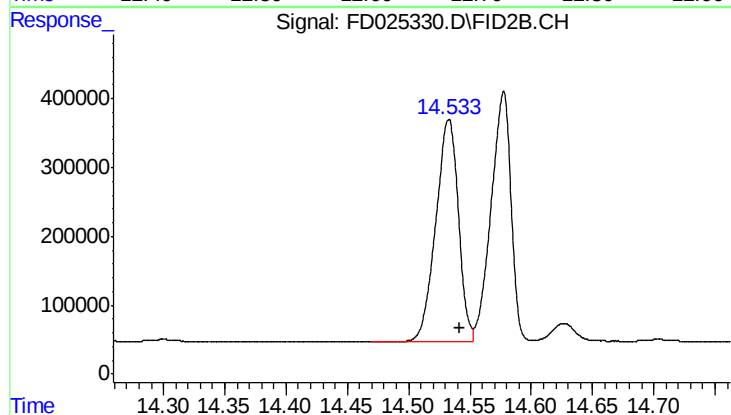
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.008 min
Response: 4058596
Conc: 46.19 ug/ml



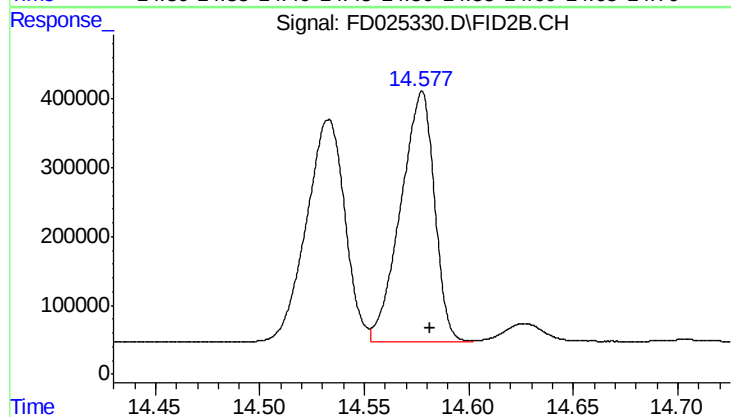
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 3974040
Conc: 45.22 ug/ml



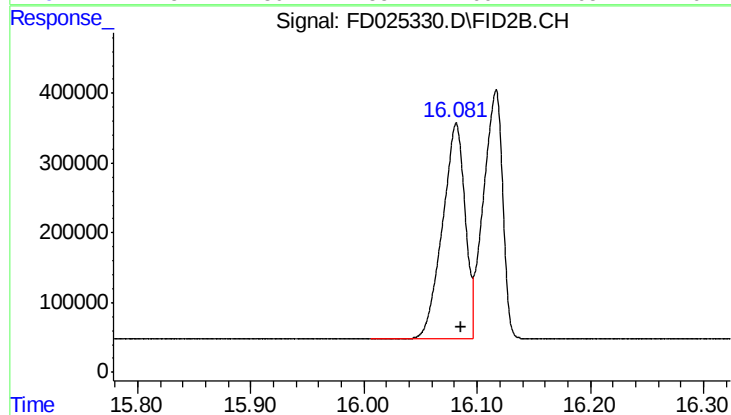
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.009 min
Response: 4120924
Conc: 49.41 ug/ml



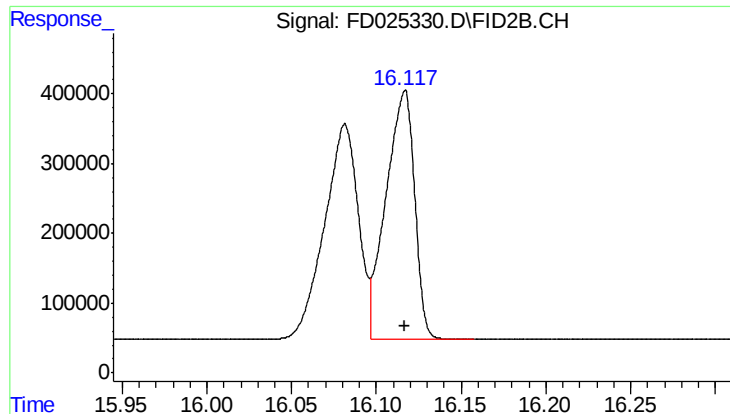
#15 Chrysene (C27.41)

R.T.: 14.578 min
Delta R.T.: -0.004 min
Response: 4076682
Conc: 48.39 ug/ml



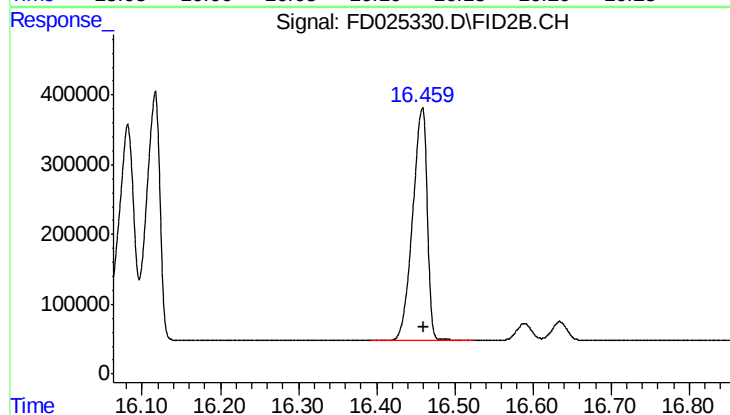
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.081 min
Delta R.T.: -0.005 min
Response: 4284861
Conc: 47.63 ug/ml



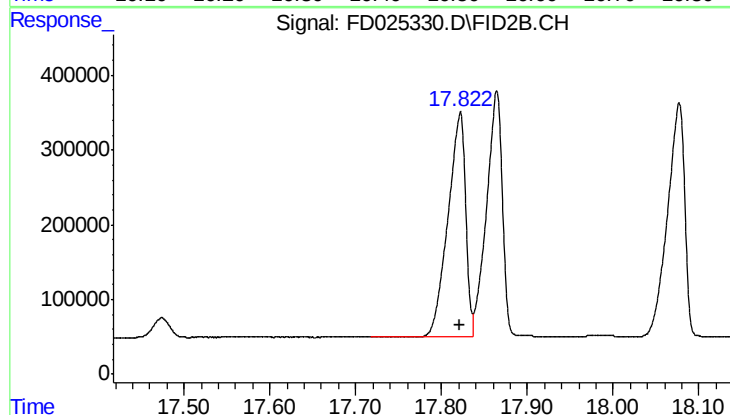
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 4211367
Conc: 46.78 ug/ml



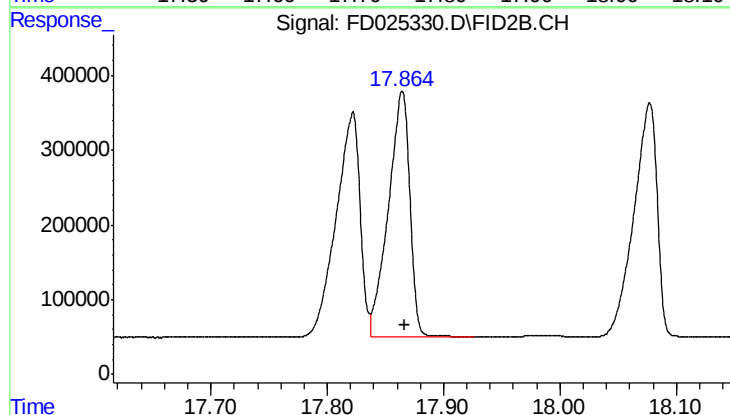
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: -0.002 min
Response: 4315069
Conc: 46.88 ug/ml



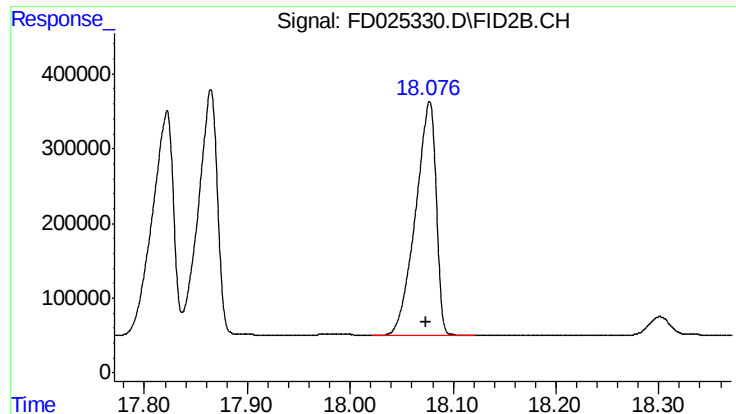
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 4323852
Conc: 45.83 ug/ml



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

R.T.: 17.865 min
Delta R.T.: -0.001 min
Response: 4239522
Conc: 46.33 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.004 min
Response: 4349621
Conc: 44.90 ug/ml