

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD081718AR\
 Data File : FD025395.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2018 20:29
 Operator : AJ\SJ
 Sample : J4486-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 00:14:14 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...	7.437	3410326	44.179 ug/ml
Spiked Amount 50.000		Recovery =	88.36%
6) S 2-Fluorobiphenyl (SURR)	8.290	2489265	46.295 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.59%
11) S ortho-Terphenyl (SURR)	11.335	2788357	32.857 ug/ml
Spiked Amount 50.000		Recovery =	65.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	1504402	19.262 ug/mlm
2) T Naphthalene (C11.7)	5.769	1879104	21.812 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	2067302	24.044 ug/ml
5) T Acenaphthylene (C15.06)	8.093	2176422	25.624 ug/ml
7) T Acenaphthene (C15.5)	8.389	2267810	25.470 ug/ml
8) T Fluorene (C16.55)	9.168	2374428	26.660 ug/ml
9) T Phenanthrene (C19.36)	10.559	2642099	29.499 ug/ml
10) T Anthracene (C19.43)	10.634	2587530	29.384 ug/ml
12) T Fluoranthene (C21.85)	12.367	2886761	32.857 ug/ml
13) T Pyrene (C20.8)	12.661	2794052	31.794 ug/ml
14) T Benzo[alanthracene (C...	14.531	2898726	34.756 ug/ml
15) T Chrysene (C27.41)	14.574	2875578	34.135 ug/ml
16) T benzo[blfluoranthene ...	16.079	2955377	32.849 ug/ml
17) T Bnezo[klfluoranthene ...	16.112	2890948	32.110 ug/ml
18) T Benzo[alpyrene (C31.34)	16.456	2908348	31.597 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2854960	30.260 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.859	2702710	29.534 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.071	2910722	30.046 ug/ml

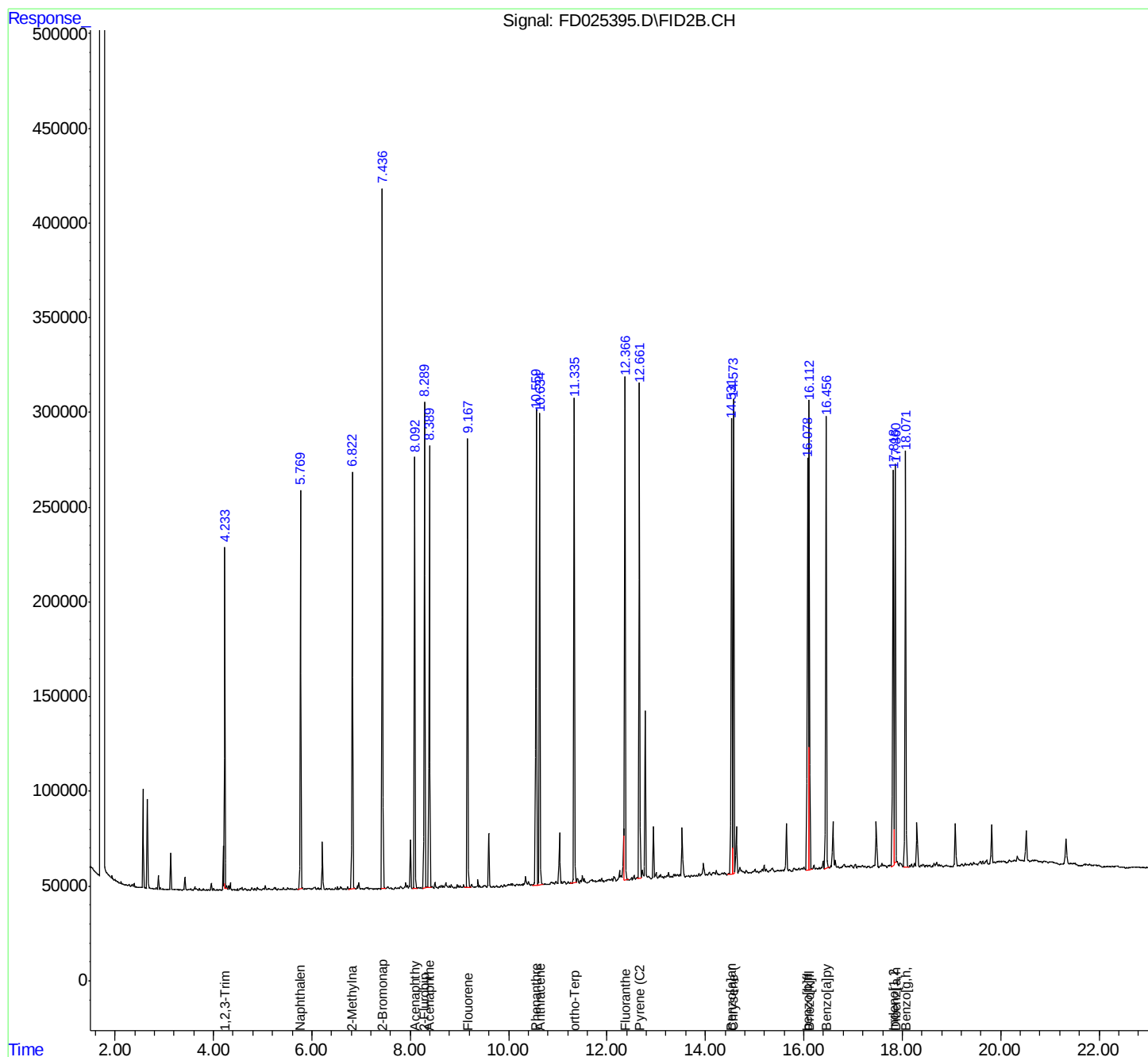
(f)=RT Delta > 1/2 Window

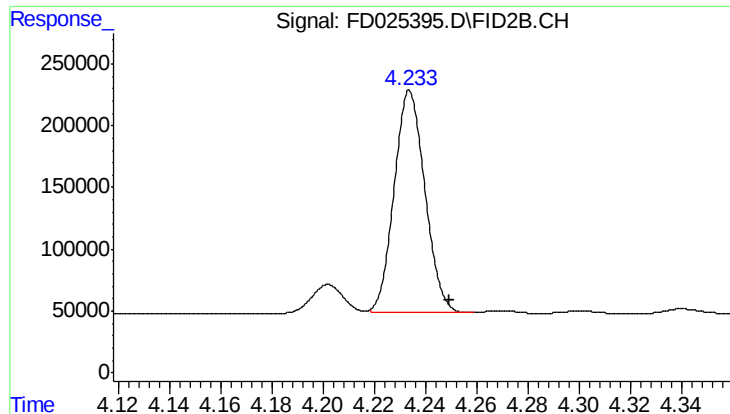
(m)=manual int.

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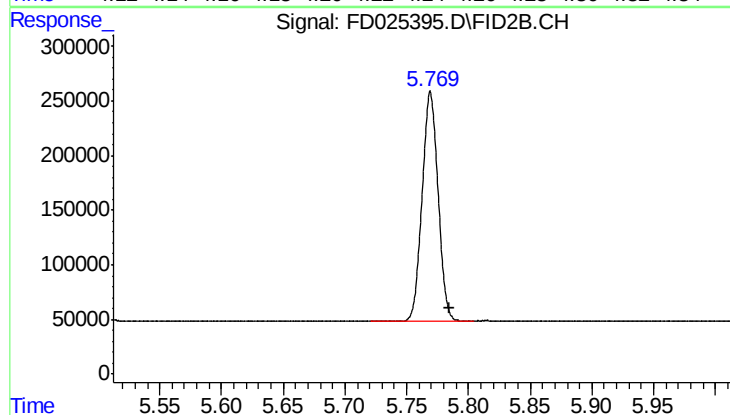
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Signal Info : 20M x 0.18mm x 0.18µm





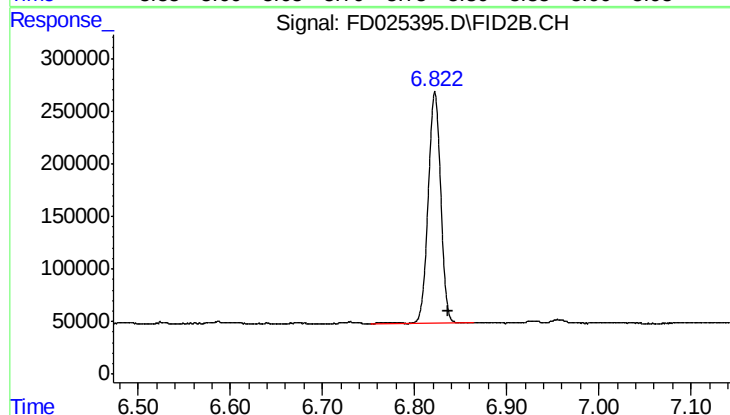
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.233 min
Delta R.T.: -0.016 min
Response: 1504402
Conc: 19.26 ug/ml m



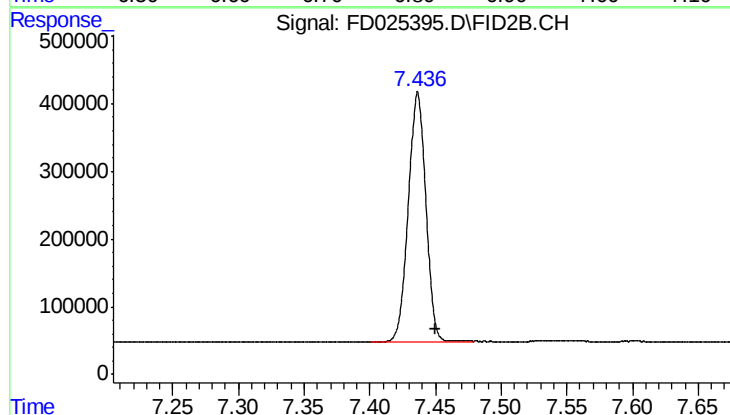
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 1879104
Conc: 21.81 ug/ml



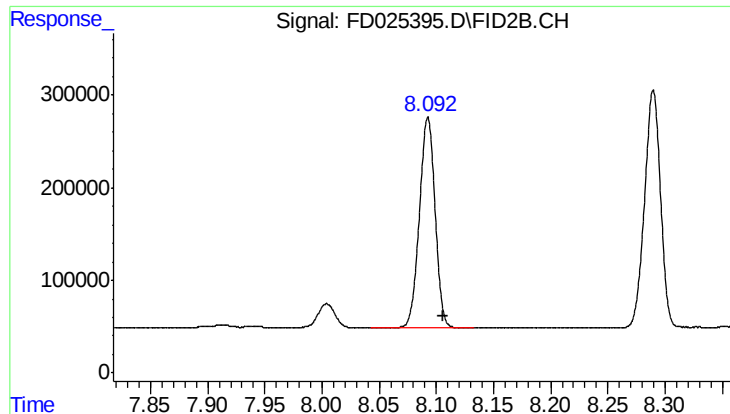
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.014 min
Response: 2067302
Conc: 24.04 ug/ml



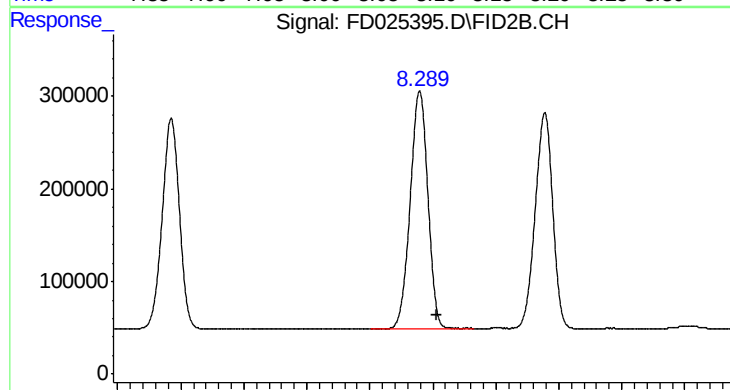
#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.013 min
Response: 3410326
Conc: 44.18 ug/ml



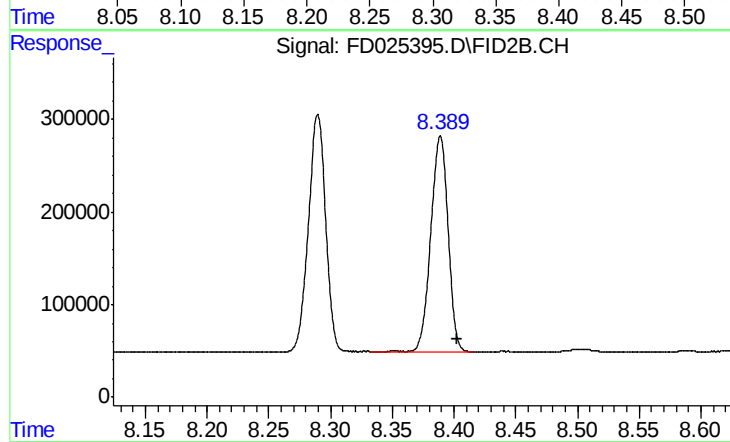
#5 Acenaphthylene (C15.06)

R.T.: 8.093 min
Delta R.T.: -0.013 min
Response: 2176422
Conc: 25.62 ug/ml



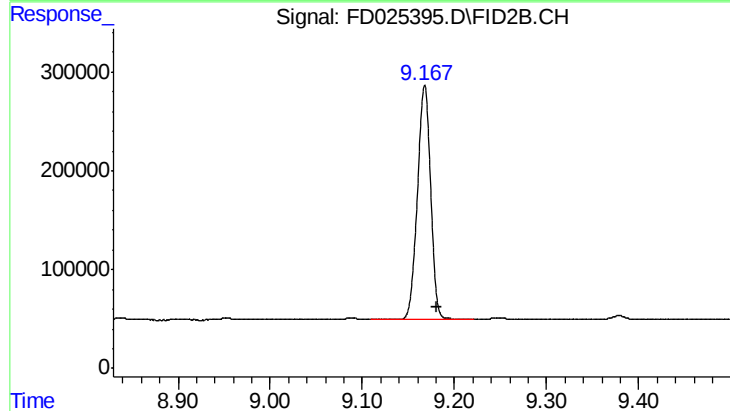
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.013 min
Response: 2489265
Conc: 46.30 ug/ml



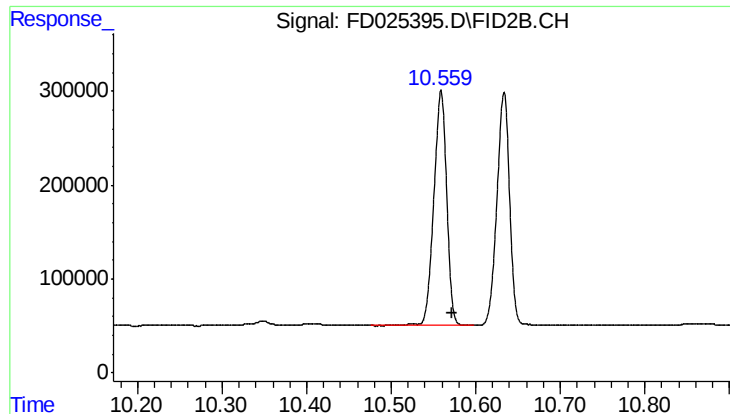
#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: -0.013 min
Response: 2267810
Conc: 25.47 ug/ml



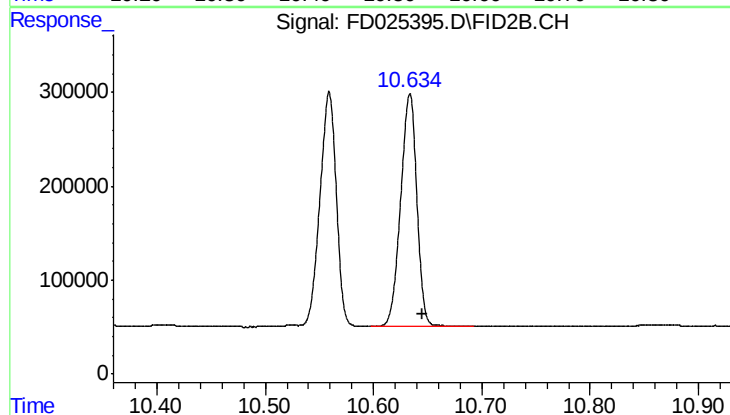
#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.013 min
Response: 2374428
Conc: 26.66 ug/ml



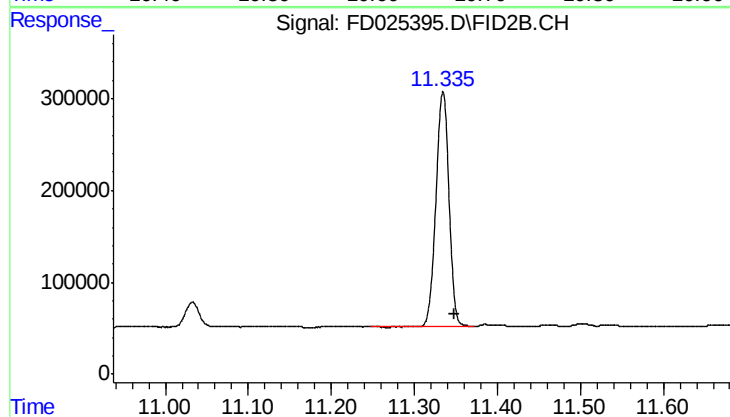
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 2642099
Conc: 29.50 ug/ml



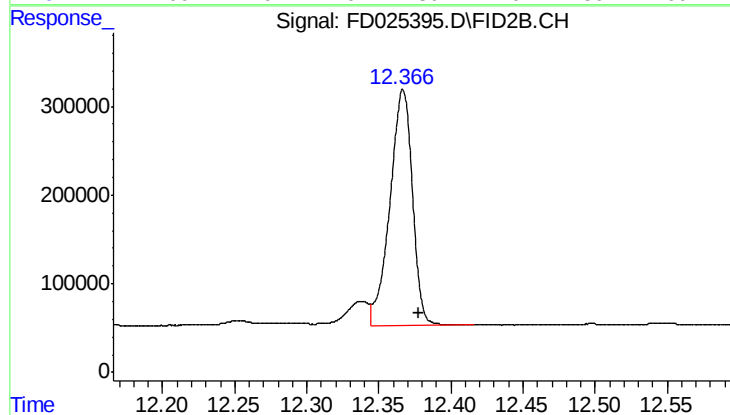
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 2587530
Conc: 29.38 ug/ml



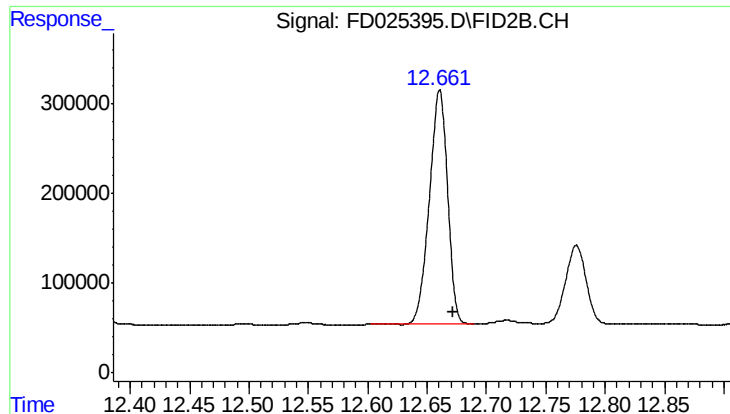
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 2788357
Conc: 32.86 ug/ml



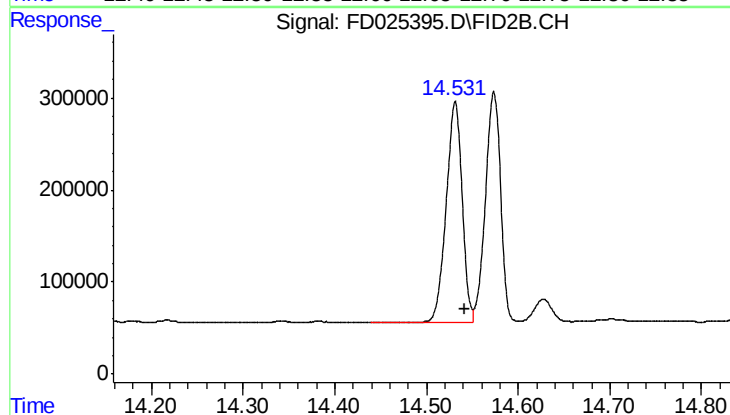
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: -0.011 min
Response: 2886761
Conc: 32.86 ug/ml



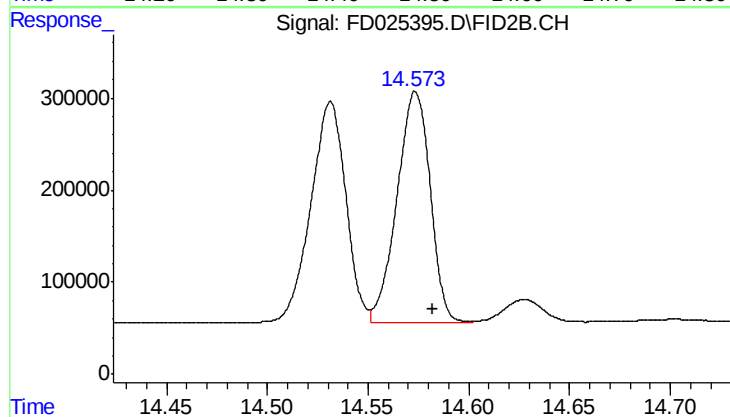
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: -0.011 min
Response: 2794052
Conc: 31.79 ug/ml



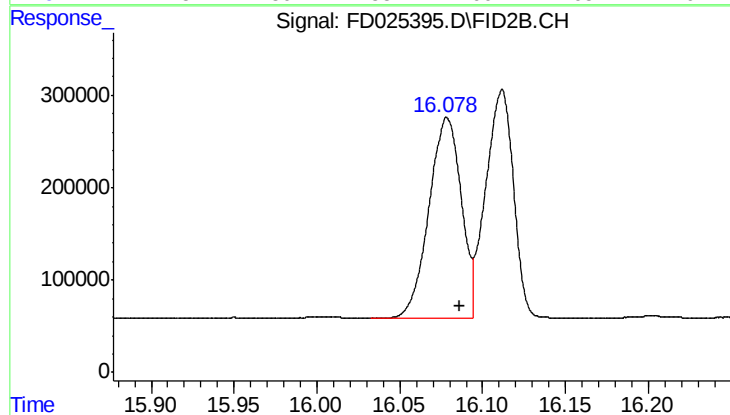
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.010 min
Response: 2898726
Conc: 34.76 ug/ml



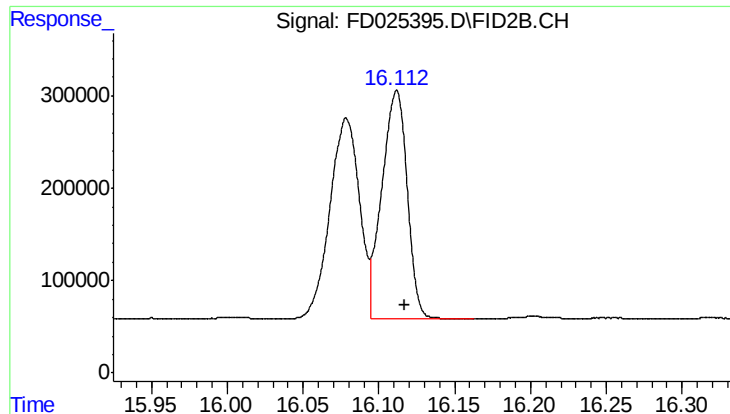
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.008 min
Response: 2875578
Conc: 34.13 ug/ml



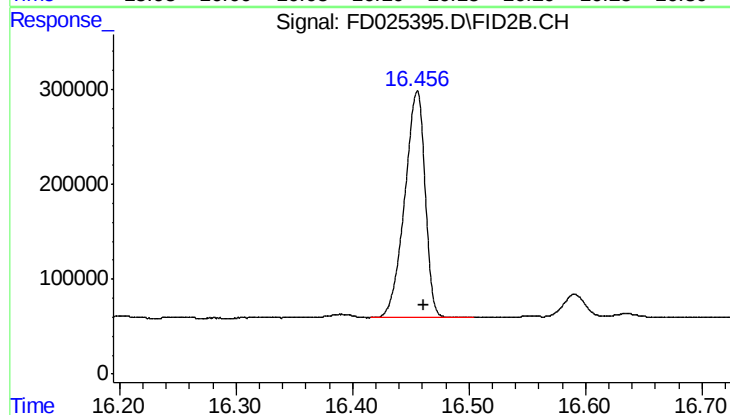
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.079 min
Delta R.T.: -0.008 min
Response: 2955377
Conc: 32.85 ug/ml



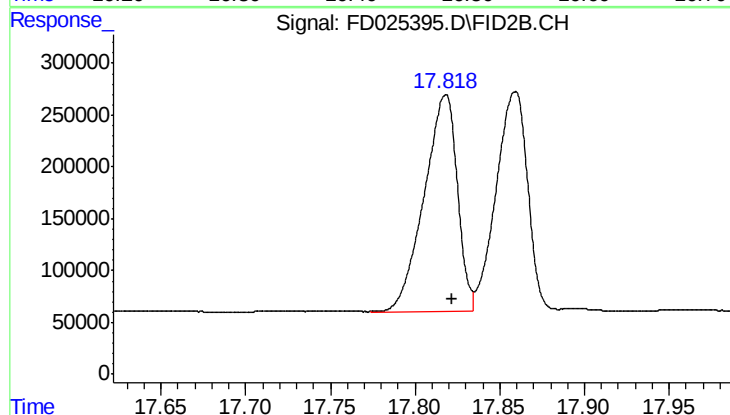
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: -0.005 min
Response: 2890948
Conc: 32.11 ug/ml



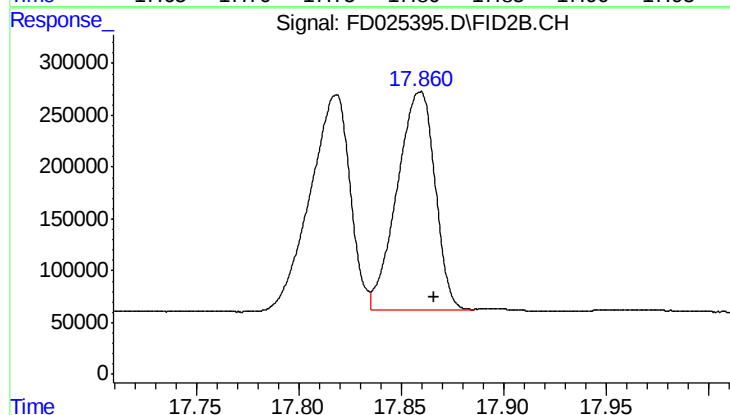
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: -0.005 min
Response: 2908348
Conc: 31.60 ug/ml



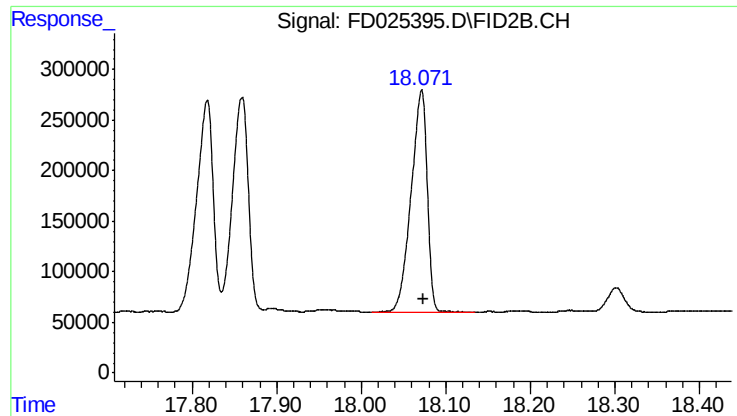
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: -0.003 min
Response: 2854960
Conc: 30.26 ug/ml m



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

R.T.: 17.859 min
Delta R.T.: -0.007 min
Response: 2702710
Conc: 29.53 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.002 min
Response: 2910722
Conc: 30.05 ug/ml