

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050620AR\
 Data File : FD033292.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2020 17:30
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 03:50:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 03:25:25 2020
 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...	7.594	11884857	104.963 ug/ml
Spiked Amount 50.000		Recovery =	209.93%
6) S 2-Fluorobiphenyl (SURR)	8.457	8203123	107.908 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	215.82%#
11) S ortho-Terphenyl (SURR)	11.491	13081725	98.564 ug/ml
Spiked Amount 50.000		Recovery =	197.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	12176934	104.071 ug/ml
2) T Naphthalene (C11.7)	5.935	12948061	106.114 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	13005153	105.784 ug/ml
5) T Acenaphthylene (C15.06)	8.260	12593334	102.450 ug/ml
7) T Acenaphthene (C15.5)	8.557	13184089	102.245 ug/ml
8) T Fluorene (C16.55)	9.336	13064777	103.498 ug/ml
9) T Phenanthrene (C19.36)	10.732	13185076	101.246 ug/ml
10) T Anthracene (C19.43)	10.808	12802331	101.499 ug/ml
12) T Fluoranthene (C21.85)	12.545	13351075	99.289 ug/ml
13) T Pyrene (C20.8)	12.843	13290880	99.973 ug/ml
14) T Benzo[a]anthracene (C...	14.715	12806084	100.609 ug/ml
15) T Chrysene (C27.41)	14.762	12973400	97.942 ug/ml
16) T benzo[b]fluoranthene ...	16.270	12866477	99.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	12407706	93.424 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.654	12740286	99.827 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.025	12981219	108.265 ug/ml
20) T Dibenz[a,h]anthracene...	18.061	11375482	86.891 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.284	12216822	98.377 ug/ml

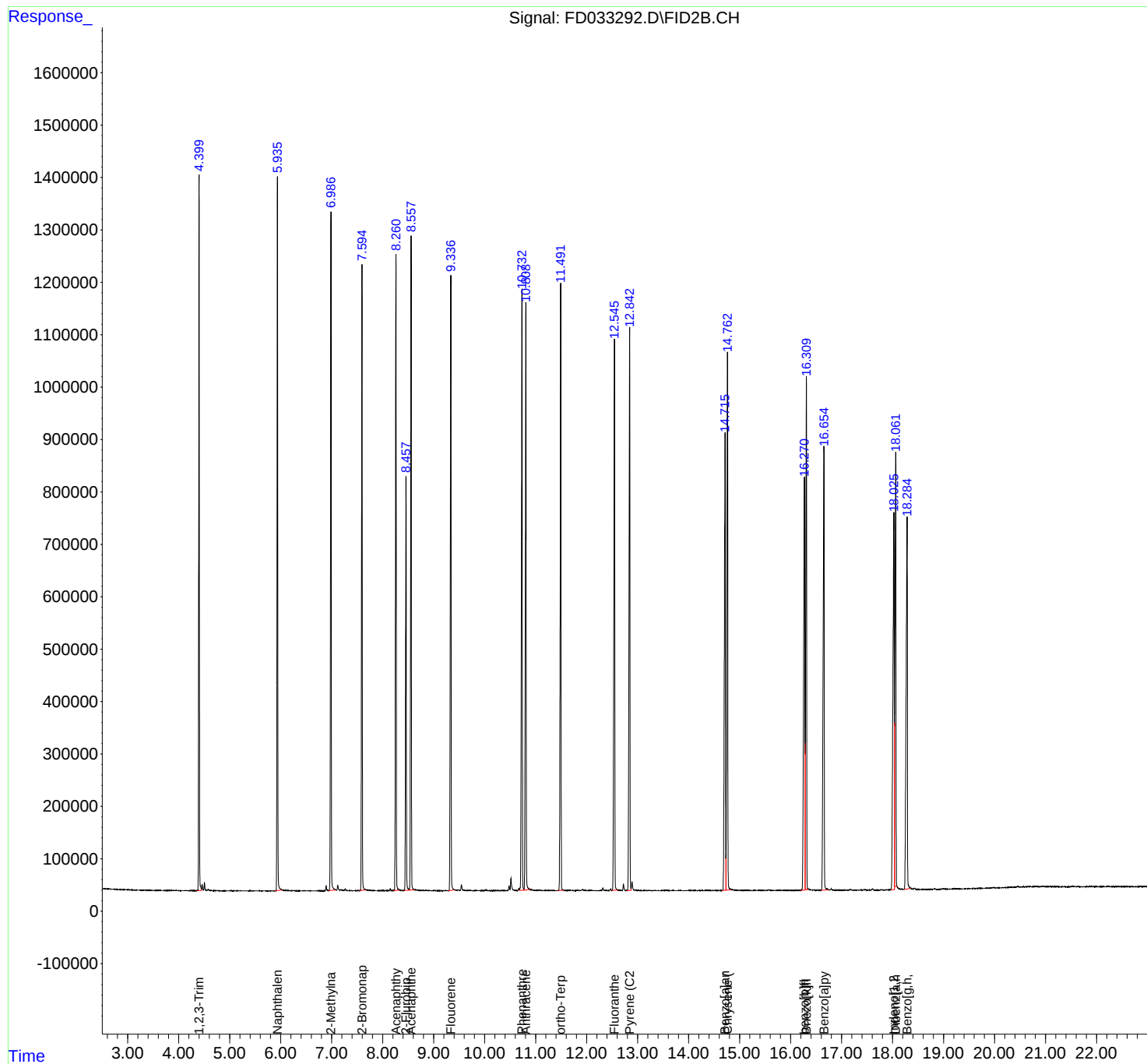
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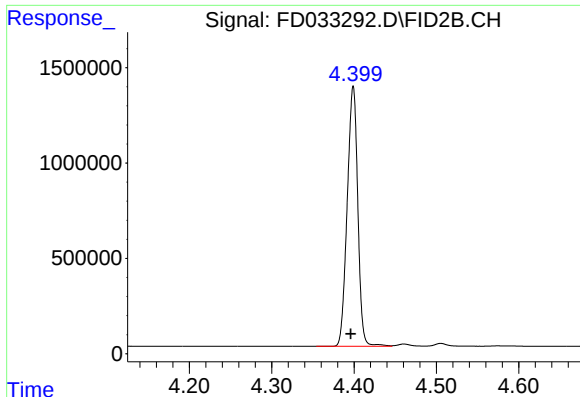
(m)=manual int.

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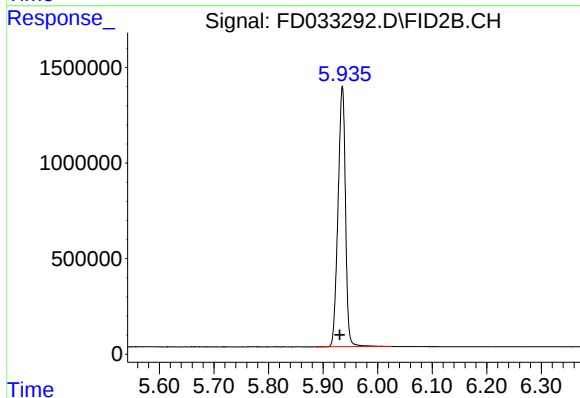
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





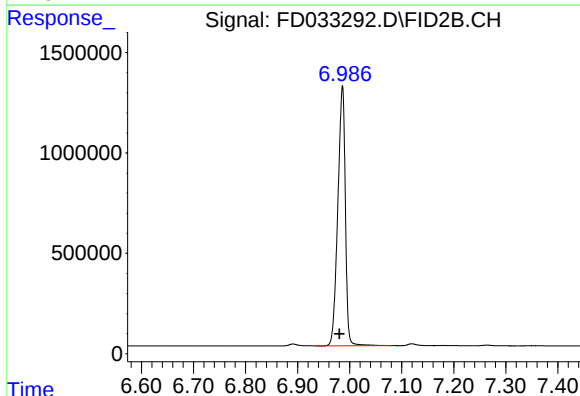
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: 0.003 min
Response: 12176934
Conc: 104.07 ug/ml



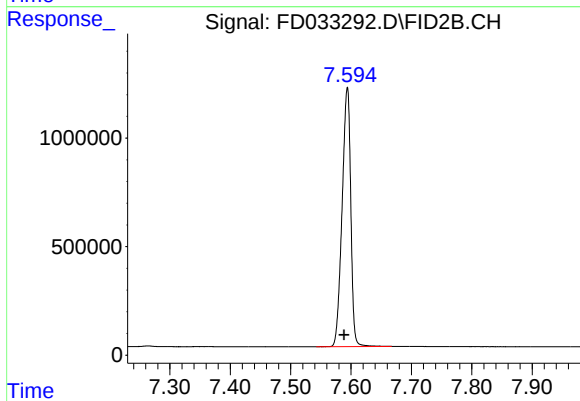
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.005 min
Response: 12948061
Conc: 106.11 ug/ml



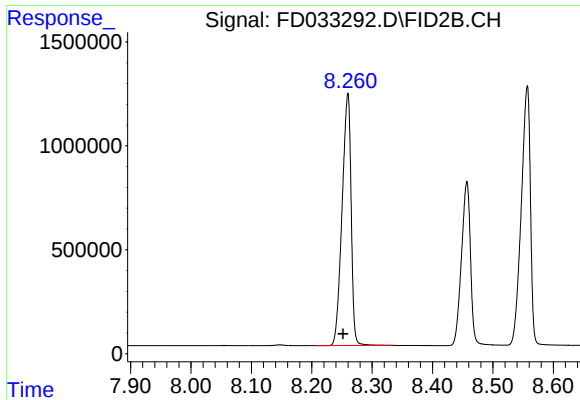
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.006 min
Response: 13005153
Conc: 105.78 ug/ml



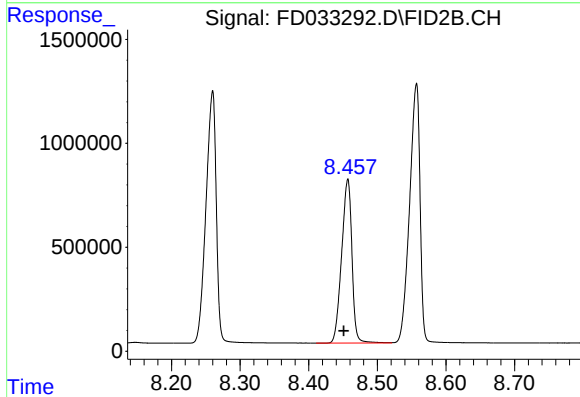
#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: 0.006 min
Response: 11884857
Conc: 104.96 ug/ml



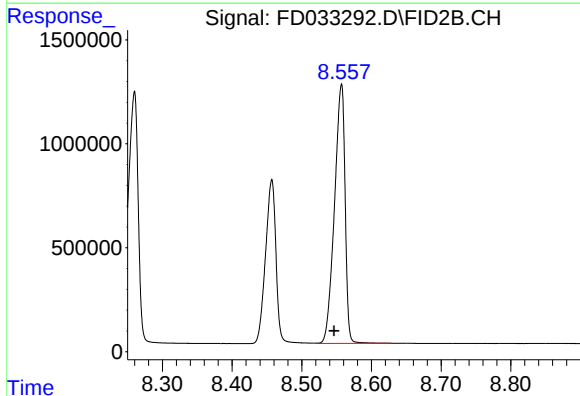
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: 0.008 min
Response: 12593334
Conc: 102.45 ug/ml



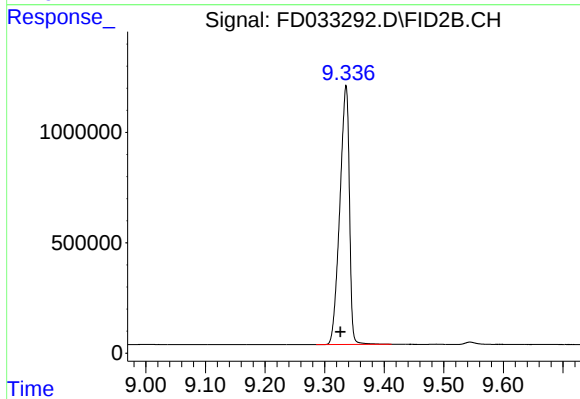
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: 0.006 min
Response: 8203123
Conc: 107.91 ug/ml



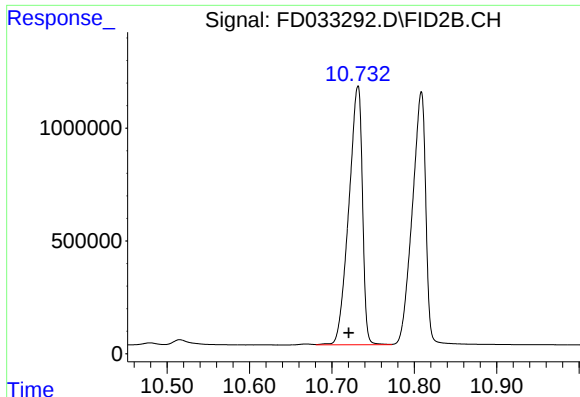
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: 0.010 min
Response: 13184089
Conc: 102.25 ug/ml



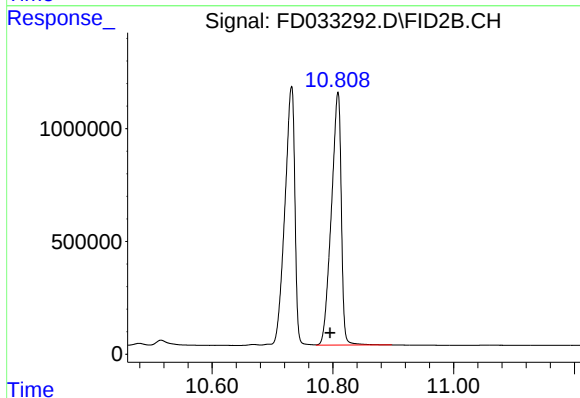
#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: 0.009 min
Response: 13064777
Conc: 103.50 ug/ml



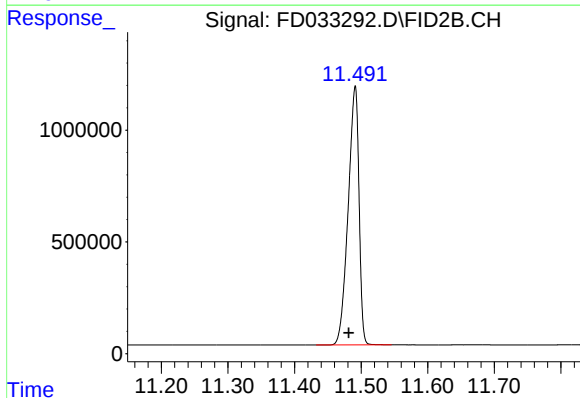
#9 Phenanthrene (C19.36)

R.T.: 10.732 min
Delta R.T.: 0.011 min
Response: 13185076
Conc: 101.25 ug/ml



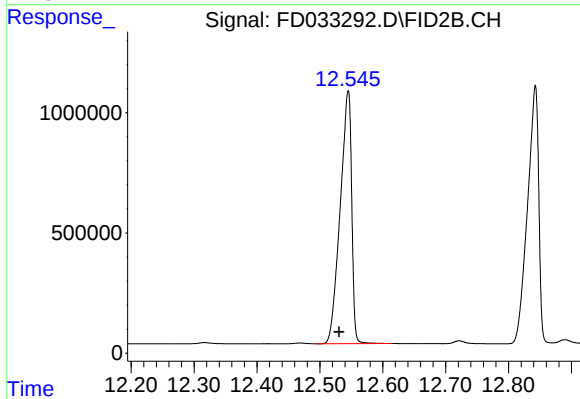
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: 0.013 min
Response: 12802331
Conc: 101.50 ug/ml



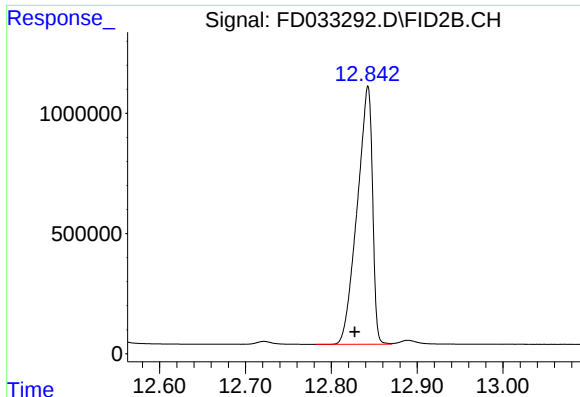
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.010 min
Response: 13081725
Conc: 98.56 ug/ml



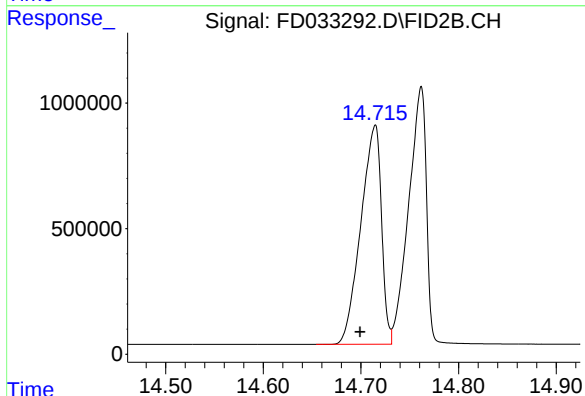
#12 Fluoranthene (C21.85)

R.T.: 12.545 min
Delta R.T.: 0.015 min
Response: 13351075
Conc: 99.29 ug/ml



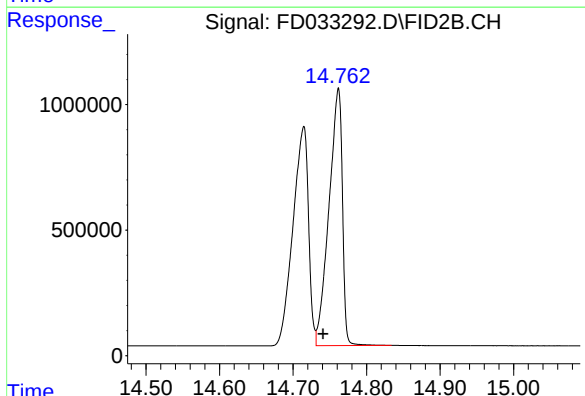
#13 Pyrene (C20.8)

R.T.: 12.843 min
Delta R.T.: 0.015 min
Response: 13290880
Conc: 99.97 ug/ml



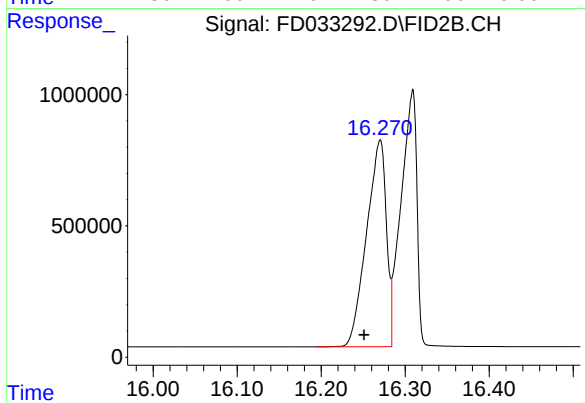
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.715 min
Delta R.T.: 0.016 min
Response: 12806084
Conc: 100.61 ug/ml



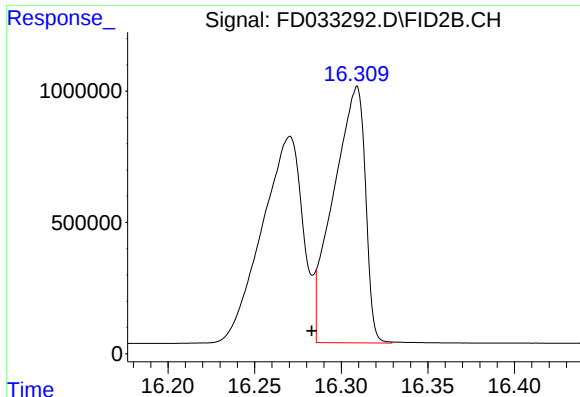
#15 Chrysene (C27.41)

R.T.: 14.762 min
Delta R.T.: 0.021 min
Response: 12973400
Conc: 97.94 ug/ml



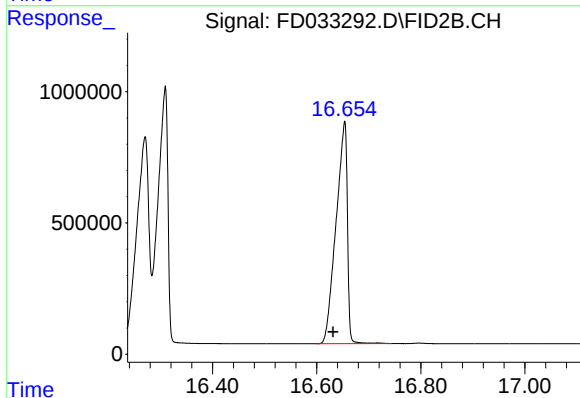
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.270 min
Delta R.T.: 0.019 min
Response: 12866477
Conc: 99.61 ug/ml



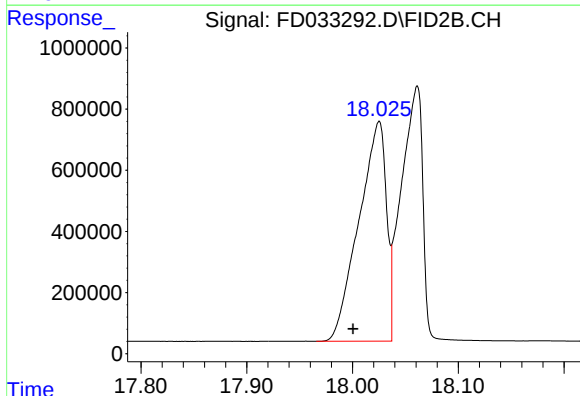
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.309 min
Delta R.T.: 0.026 min
Response: 12407706
Conc: 93.42 ug/ml m



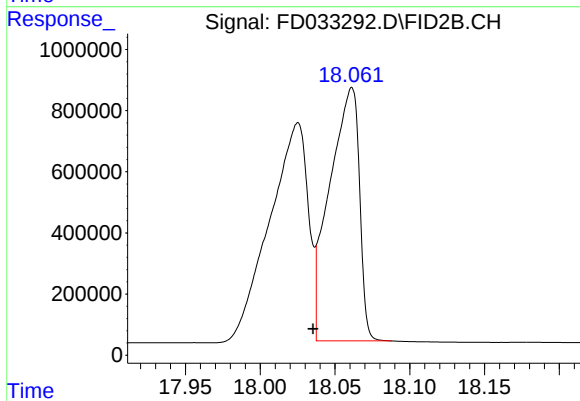
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.022 min
Response: 12740286
Conc: 99.83 ug/ml



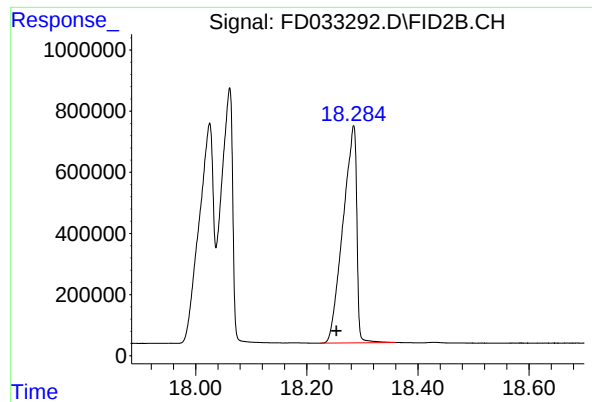
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: 0.025 min
Response: 12981219
Conc: 108.27 ug/ml



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

R.T.: 18.061 min
Delta R.T.: 0.026 min
Response: 11375482
Conc: 86.89 ug/ml m



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

R.T.: 18.284 min
Delta R.T.: 0.031 min
Response: 12216822
Conc: 98.38 ug/ml