

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045144.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 21:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2023
 Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e
 Quant Time: Feb 24 06:38:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.553	2696035	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
6) S 2-Fluorobiphenyl (SURR)	8.410	1794148	20.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.04%
11) S ortho-Terphenyl (SURR)	11.450	3335728	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3010655	20.110 ug/ml
2) T Naphthalene (C11.7)	5.894	3137221	19.981 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	3167311	20.245 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2861596	20.042 ug/ml
7) T Acenaphthene (C15.5)	8.509	3037686	20.144 ug/ml
8) T Fluorene (C16.55)	9.288	2953260	20.036 ug/ml
9) T Phenanthrene (C19.36)	10.678	2898502	20.023 ug/ml
10) T Anthracene (C19.43)	10.752	2613963	19.307 ug/ml
12) T Fluoranthene (C21.85)	12.483	2817550	19.657 ug/ml
13) T Pyrene (C20.8)	12.778	2747741	19.623 ug/ml
14) T Benzo[a]anthracene (C...	14.643	2483043	19.518 ug/ml
15) T Chrysene (C27.41)	14.685	2589803	19.559 ug/ml
16) T benzo[b]fluoranthene ...	16.186	2561786	19.533 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.218	2532970	19.533 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2504323	19.511 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2457484	19.565 ug/mlm
20) T Dibenz[a,h]anthracene...	17.961	2430884	19.875 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	2517215	19.841 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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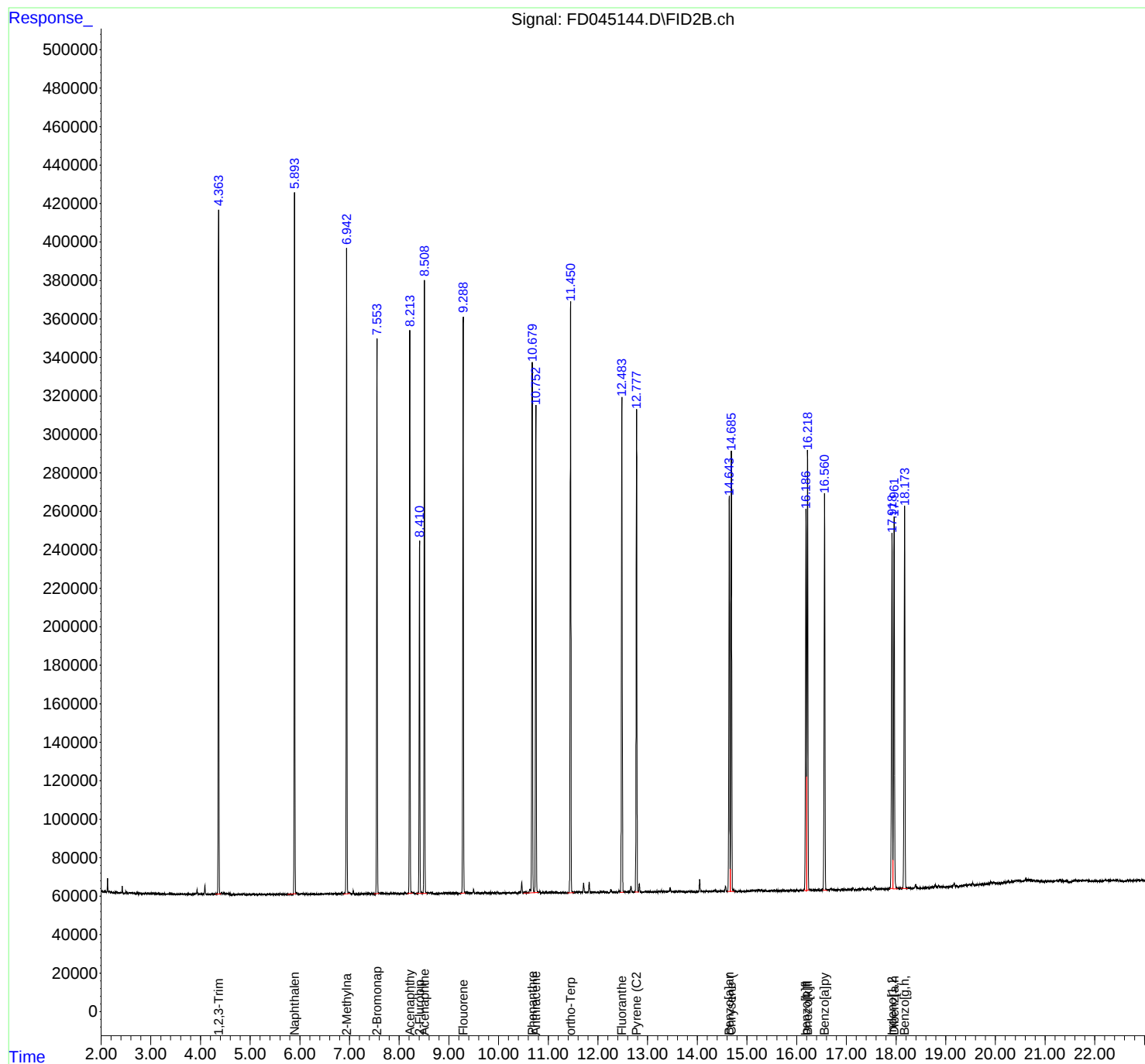
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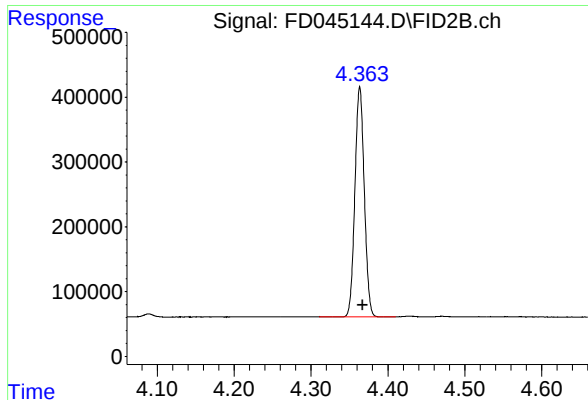
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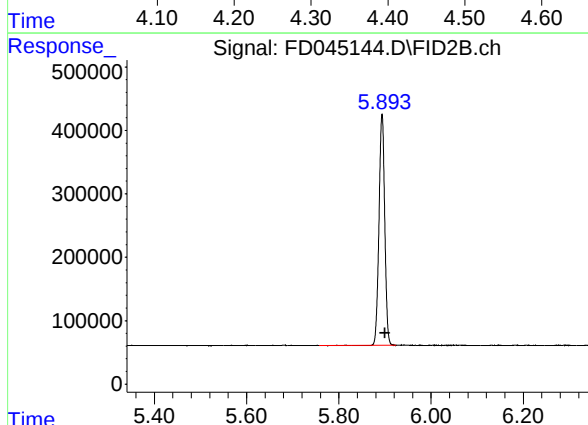
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3010655
Conc: 20.11 ug/ml

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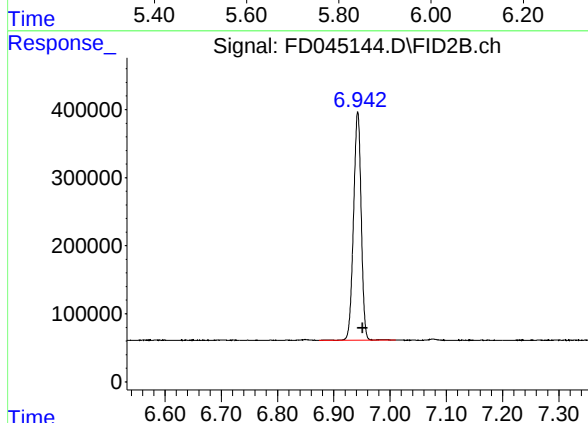
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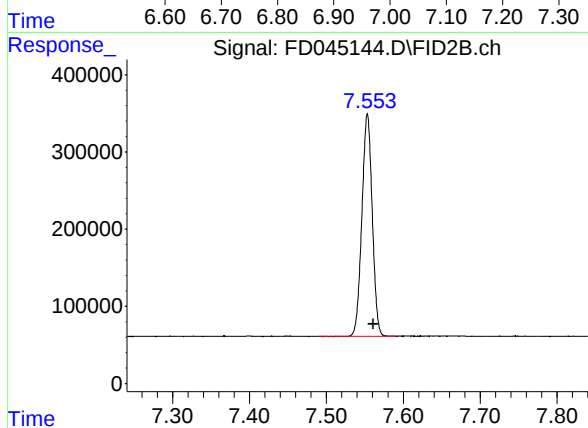
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 3137221
Conc: 19.98 ug/ml



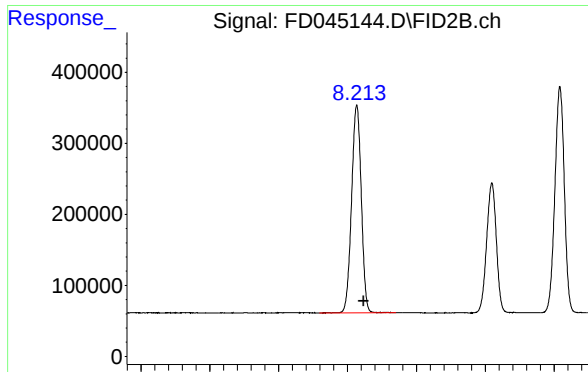
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 3167311
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: -0.008 min
Response: 2696035
Conc: 20.10 ug/ml



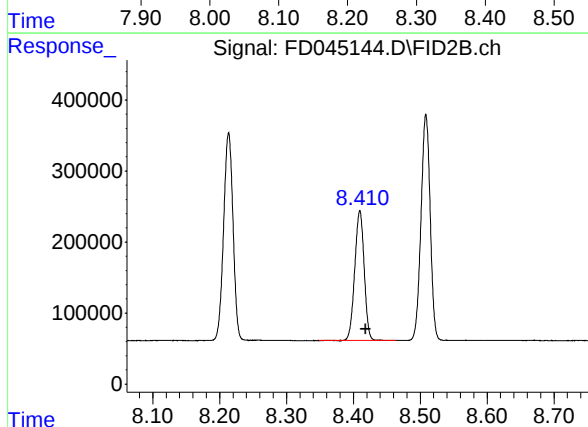
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 2861596
Conc: 20.04 ug/ml

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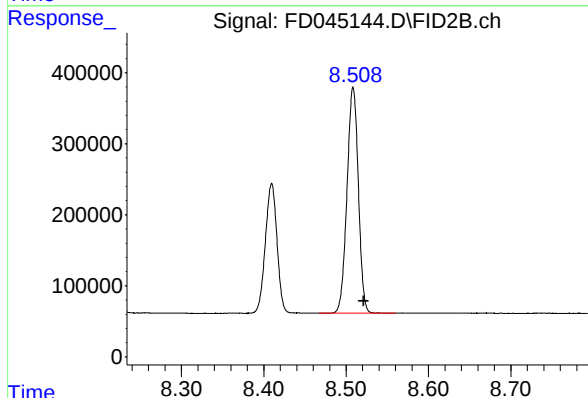
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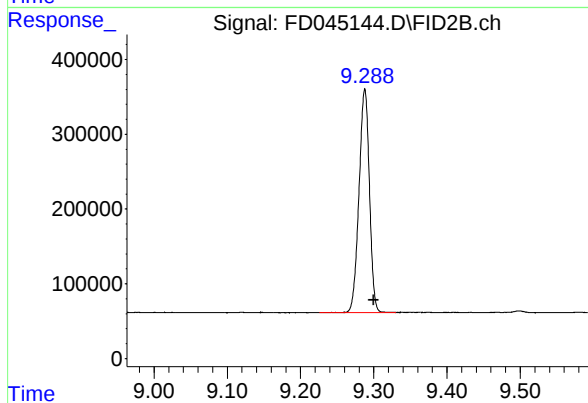
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.009 min
Response: 1794148
Conc: 20.02 ug/ml



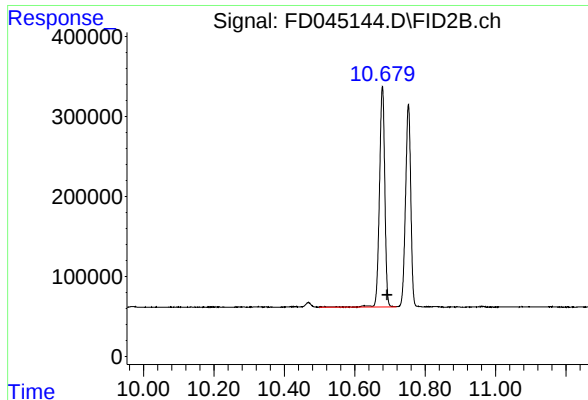
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.013 min
Response: 3037686
Conc: 20.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 2953260
Conc: 20.04 ug/ml



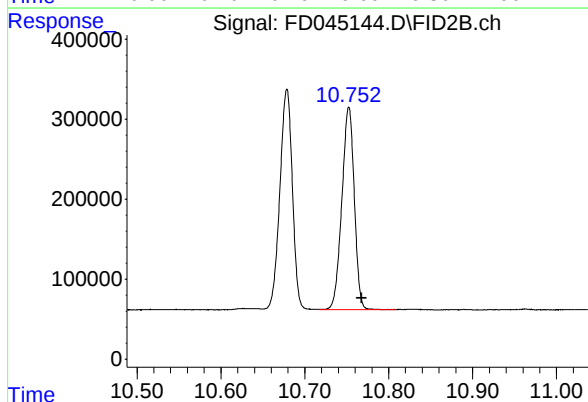
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.014 min
Response: 2898502
Conc: 20.02 ug/ml

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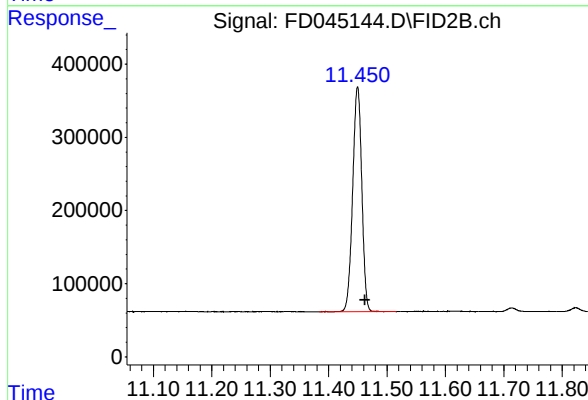
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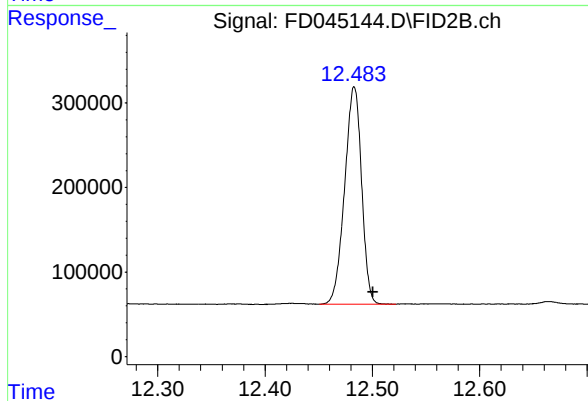
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.015 min
Response: 2613963
Conc: 19.31 ug/ml



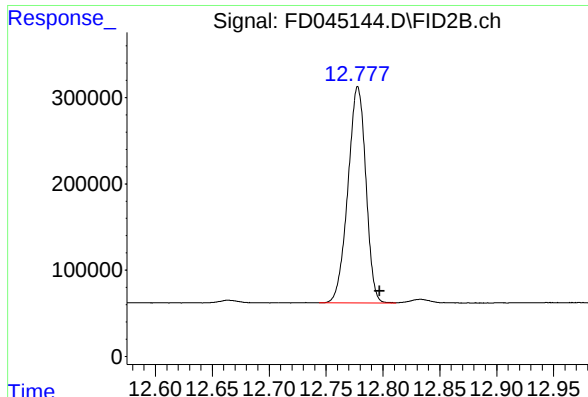
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.012 min
Response: 3335728
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.017 min
Response: 2817550
Conc: 19.66 ug/ml



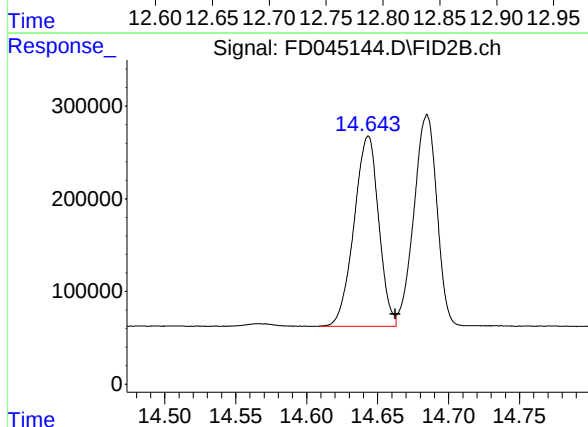
#13 Pyrene (C20.8)

R.T.: 12.778 min
Delta R.T.: -0.019 min
Response: 2747741
Conc: 19.62 ug/ml

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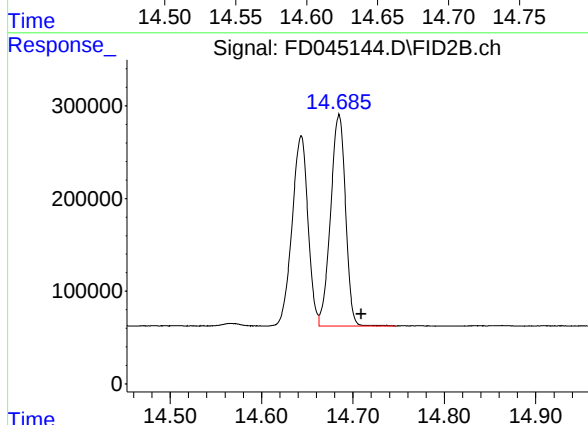
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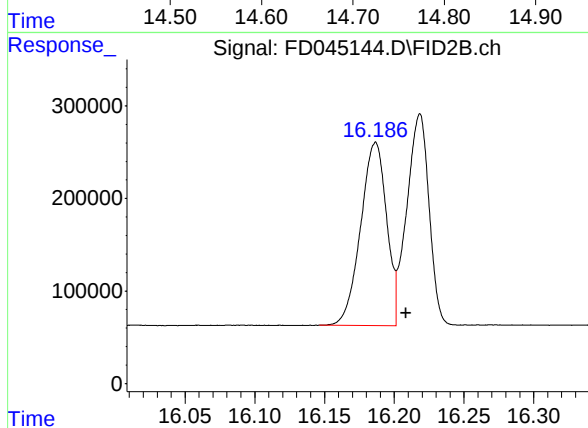
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.019 min
Response: 2483043
Conc: 19.52 ug/ml



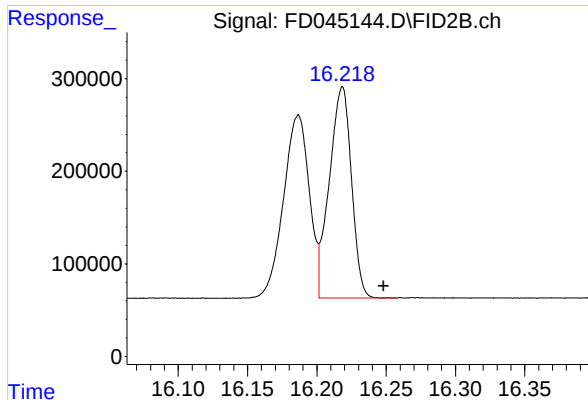
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.024 min
Response: 2589803
Conc: 19.56 ug/ml



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

R.T.: 16.186 min
Delta R.T.: -0.022 min
Response: 2561786
Conc: 19.53 ug/ml m



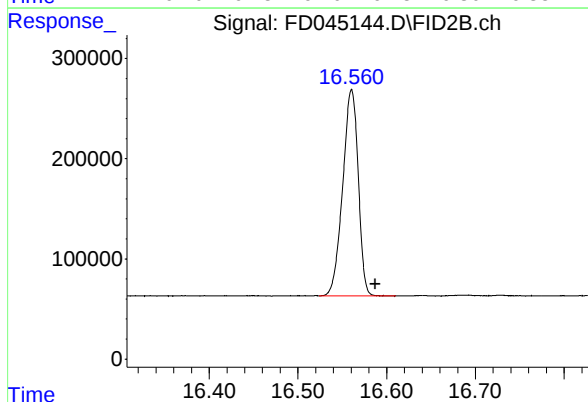
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.218 min
Delta R.T.: -0.030 min
Response: 2532970
Conc: 19.53 ug/ml

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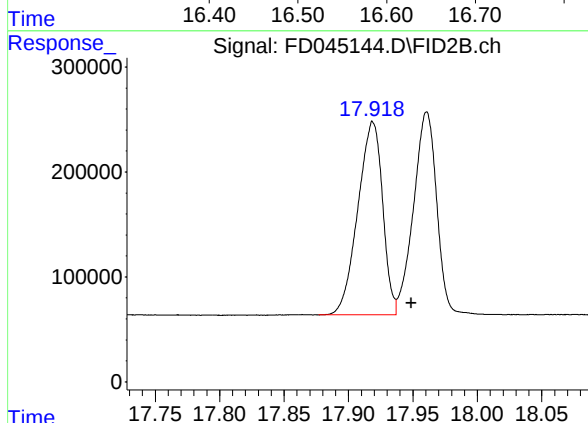
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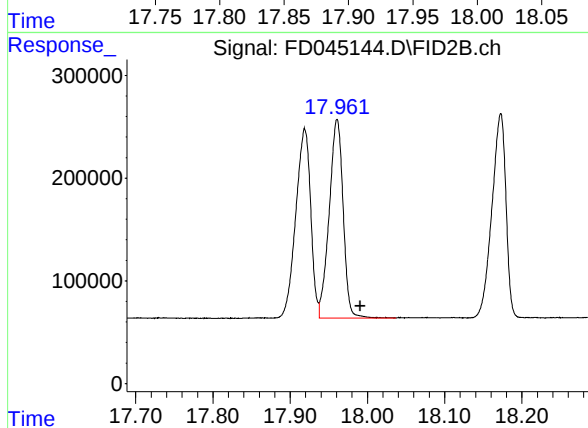
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.027 min
Response: 2504323
Conc: 19.51 ug/ml



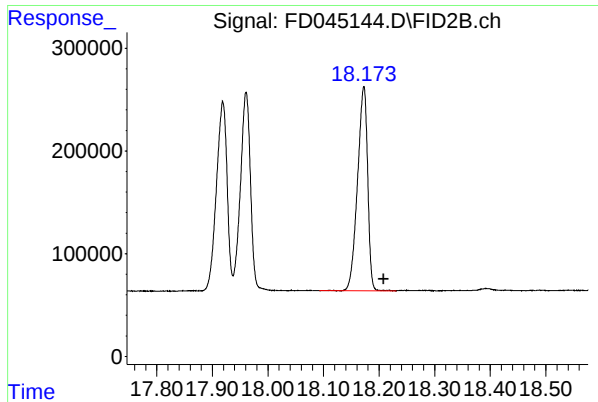
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: -0.031 min
Response: 2457484
Conc: 19.57 ug/ml m



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

R.T.: 17.961 min
Delta R.T.: -0.030 min
Response: 2430884
Conc: 19.88 ug/ml



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

R.T.: 18.172 min
Delta R.T.: -0.036 min
Response: 2517215
Conc: 19.84 ug/ml

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