

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048657.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 02:22
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 03:11:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.369	3145173	20.722 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.218	2043970	20.816 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.63%
11) S ortho-Terphenyl (SURR)	11.253	3546262	20.819 ug/mlm
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3561842	20.474 ug/ml
2) T Naphthalene (C11.7)	5.710	3670693	20.572 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3665925	20.495 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3554619	20.244 ug/ml
7) T Acenaphthene (C15.5)	8.316	3658732	20.628 ug/ml
8) T Fluorene (C16.55)	9.094	3512499	20.779 ug/ml
9) T Phenanthrene (C19.36)	10.480	3424532	20.716 ug/ml
10) T Anthracene (C19.43)	10.556	2594686	16.226 ug/ml
12) T Fluoranthene (C21.85)	12.284	3449027	20.957 ug/ml
13) T Pyrene (C20.8)	12.577	3391541	21.055 ug/ml
14) T Benzo[a]anthracene (C...	14.446	3063624	20.953 ug/ml
15) T Chrysene (C27.41)	14.488	3277113	19.923 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3299464	21.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3257688	21.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	3149734	20.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2853671	21.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3826892	23.516 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.982	3190094	20.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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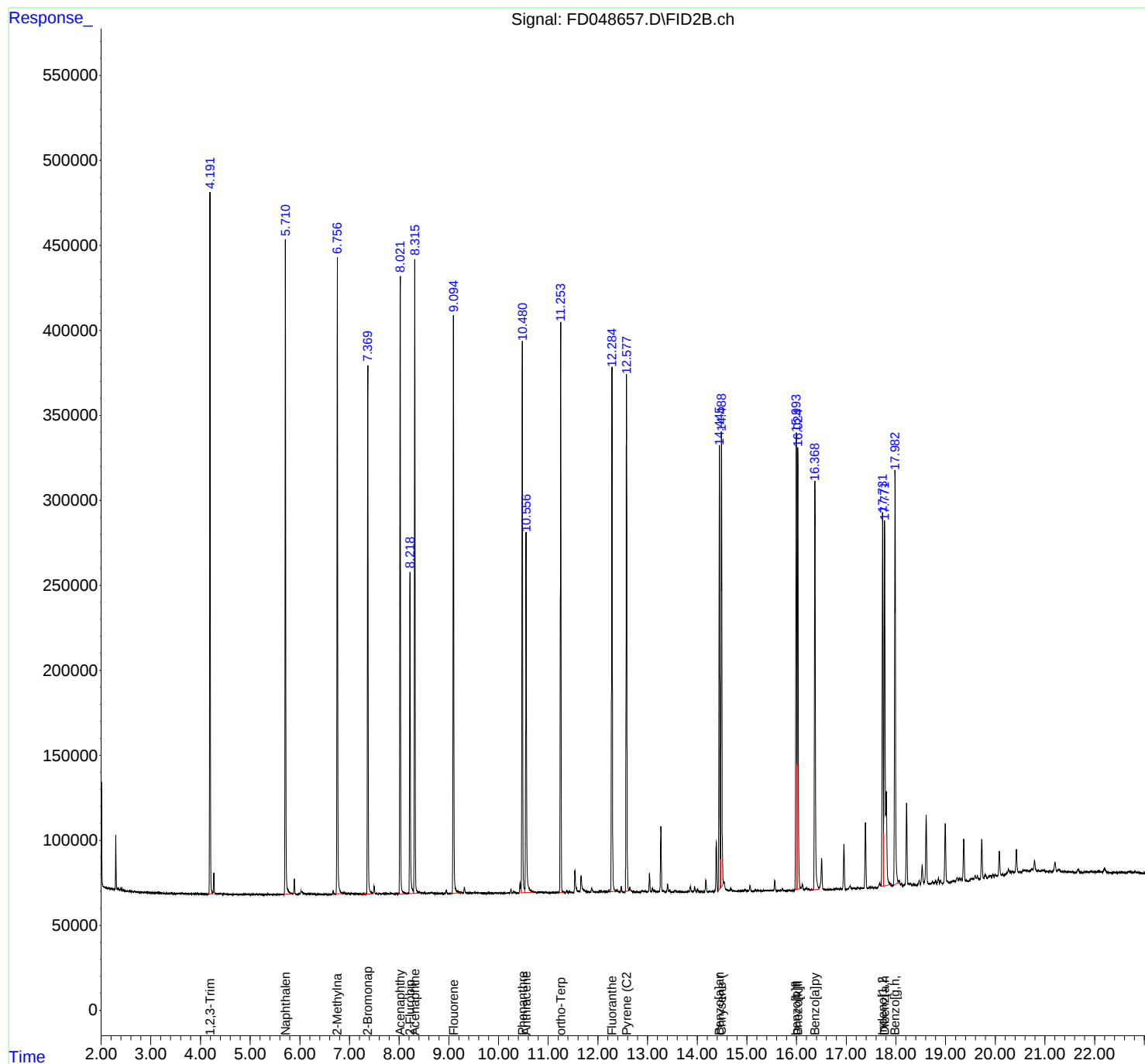
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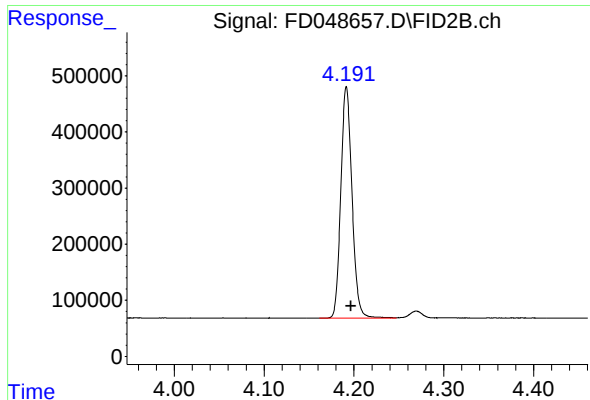
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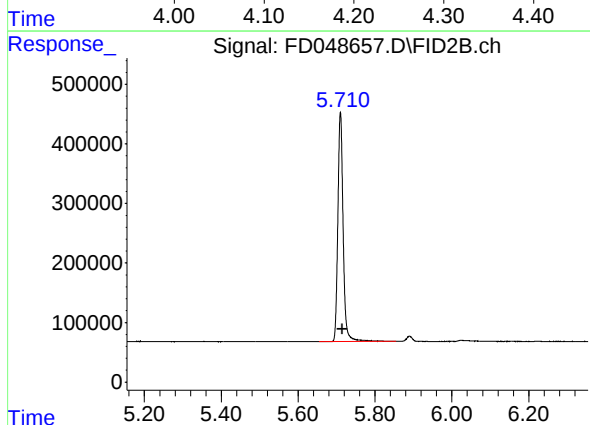
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3561842
Conc: 20.47 ug/ml

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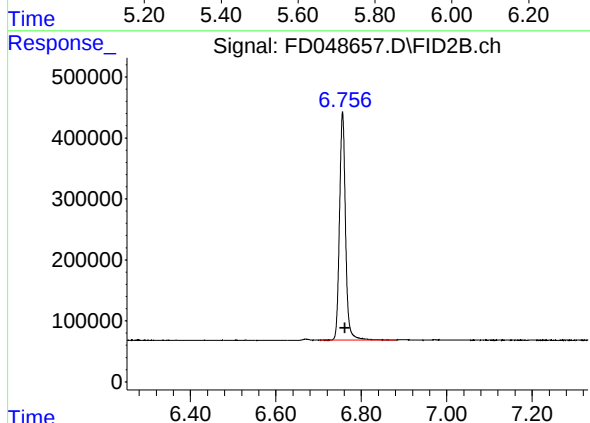
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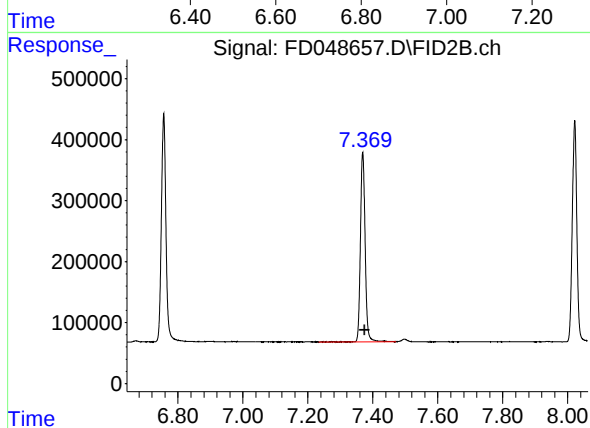
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 3670693
Conc: 20.57 ug/ml



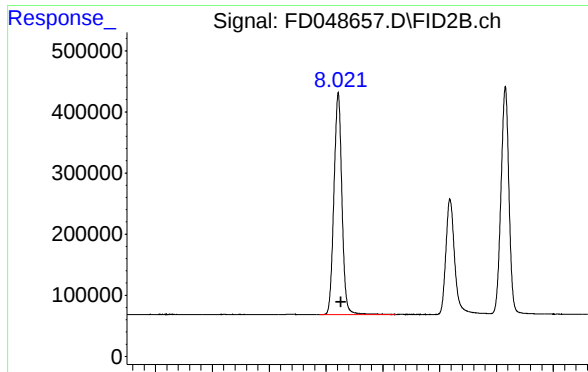
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 3665925
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 3145173
Conc: 20.72 ug/ml



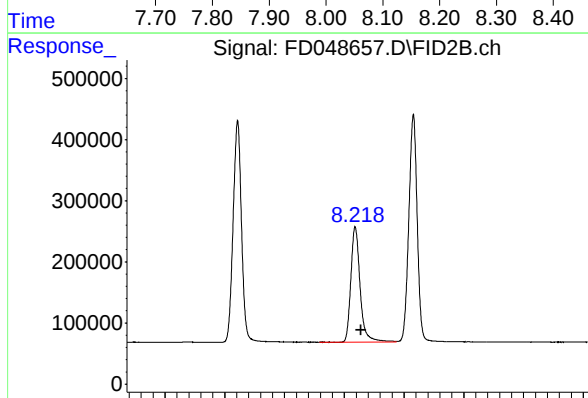
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 3554619
Conc: 20.24 ug/ml

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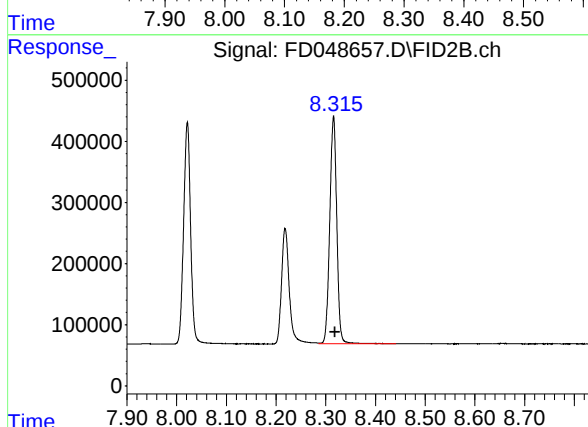
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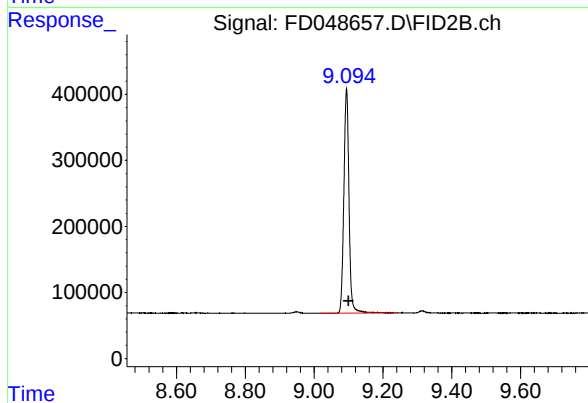
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 2043970
Conc: 20.82 ug/ml



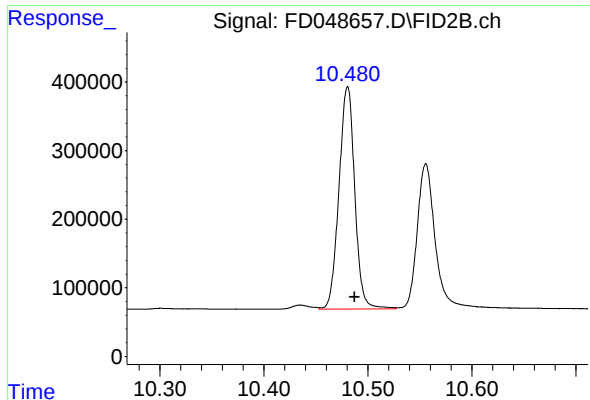
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 3658732
Conc: 20.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.006 min
Response: 3512499
Conc: 20.78 ug/ml



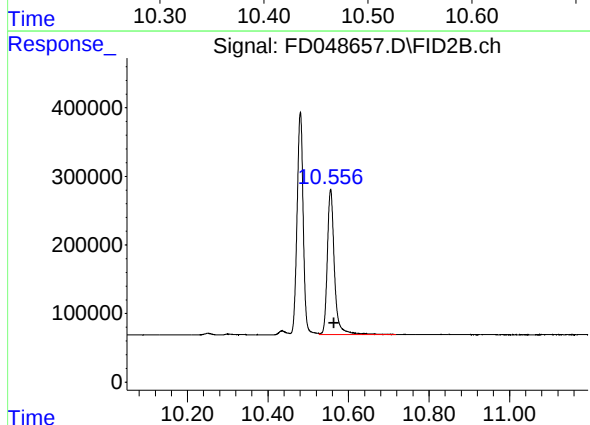
#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: -0.007 min
Response: 3424532
Conc: 20.72 ug/ml

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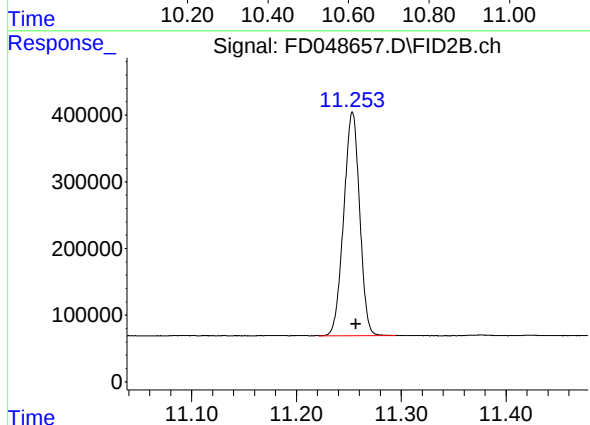
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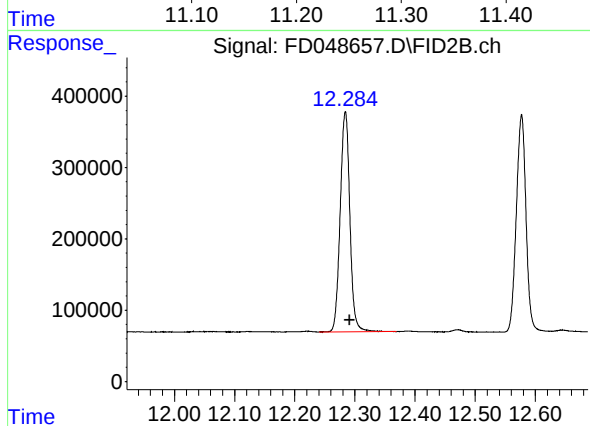
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: -0.009 min
Response: 2594686
Conc: 16.23 ug/ml



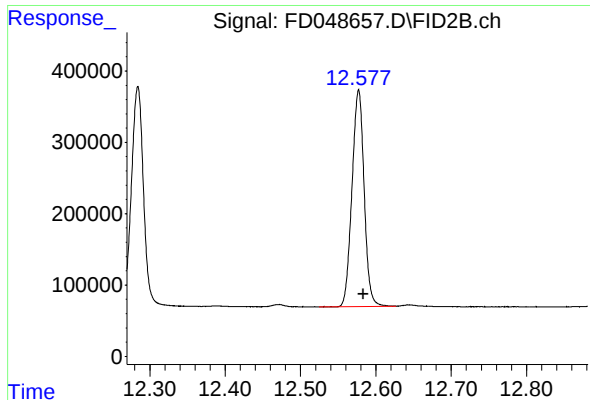
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 3546262
Conc: 20.82 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.007 min
Response: 3449027
Conc: 20.96 ug/ml



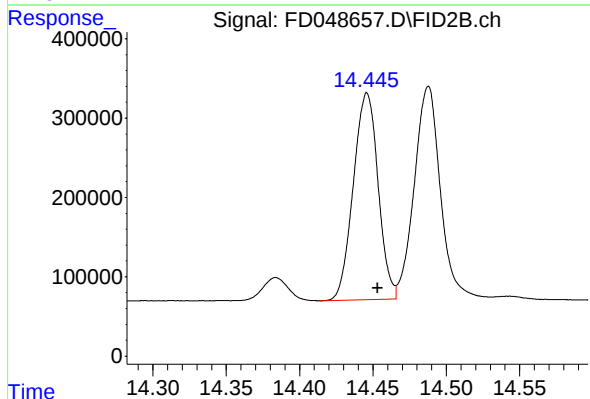
#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 3391541
Conc: 21.06 ug/ml

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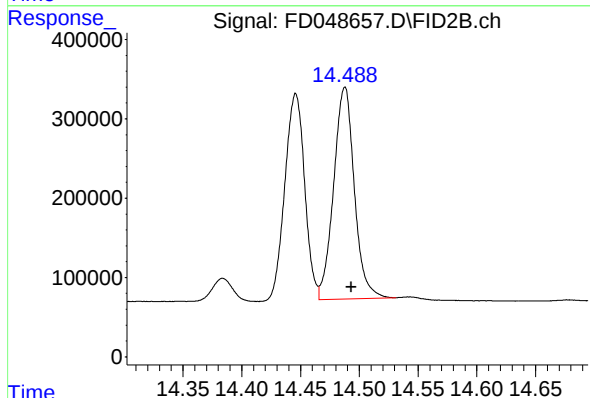
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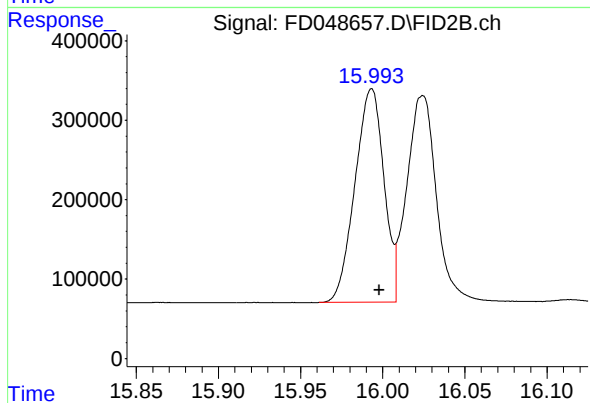
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.008 min
Response: 3063624
Conc: 20.95 ug/ml



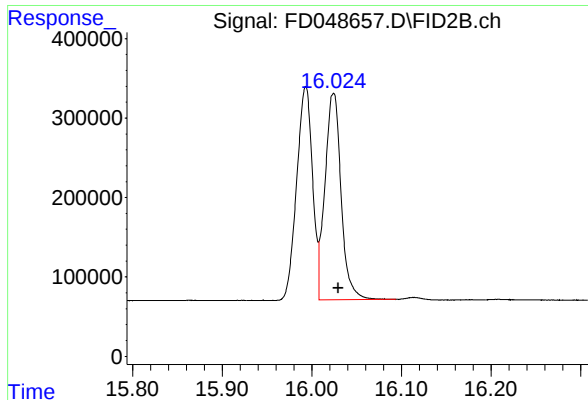
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: -0.006 min
Response: 3277113
Conc: 19.92 ug/ml



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

R.T.: 15.993 min
Delta R.T.: -0.005 min
Response: 3299464
Conc: 21.70 ug/ml



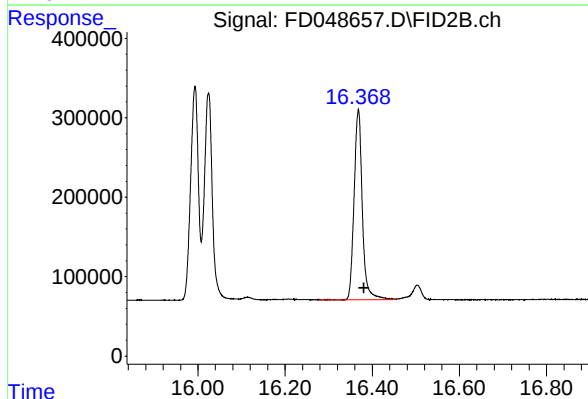
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 3257688
Conc: 21.67 ug/ml

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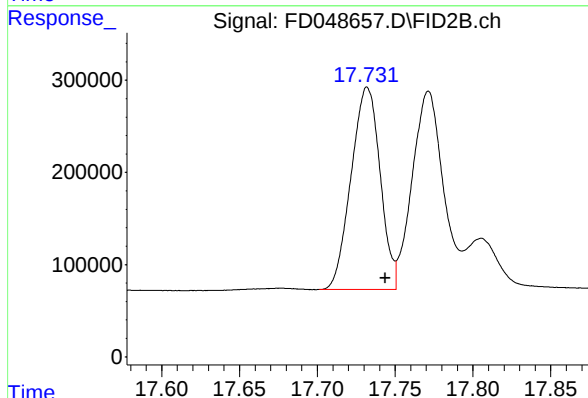
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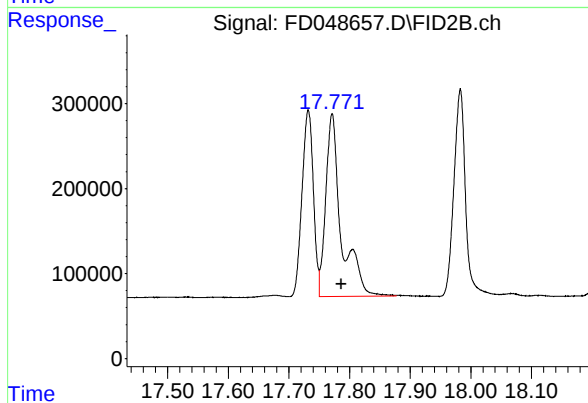
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.013 min
Response: 3149734
Conc: 20.93 ug/ml



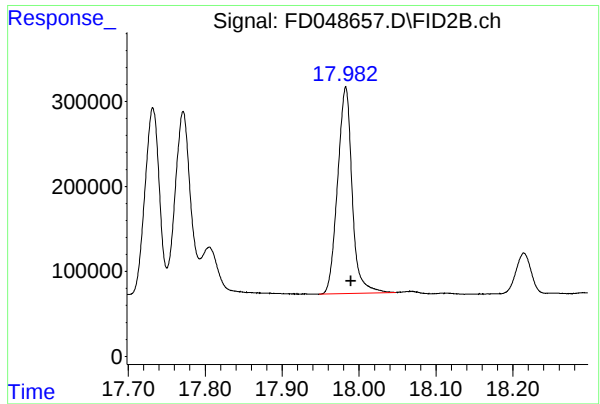
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: -0.012 min
Response: 2853671
Conc: 21.87 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.015 min
Response: 3826892
Conc: 23.52 ug/ml m



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

R.T.: 17.982 min
Delta R.T.: -0.007 min
Response: 3190094
Conc: 20.84 ug/ml

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