

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD045999.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2023 15:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 27 16:40:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	4089210	18.976 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
6) S 2-Fluorobiphenyl (SURR)	8.375	2641071	19.083 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.17%
11) S ortho-Terphenyl (SURR)	11.414	4836733	19.078 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	4705351	18.889 ug/ml
2) T Naphthalene (C11.7)	5.859	4819208	18.890 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4785595	18.983 ug/ml
5) T Acenaphthylene (C15.06)	8.179	4172279	19.210 ug/ml
7) T Acenaphthene (C15.5)	8.474	4486297	19.032 ug/ml
8) T Fluorene (C16.55)	9.253	4320745	19.097 ug/ml
9) T Phenanthrene (C19.36)	10.643	4054878	19.003 ug/ml
10) T Anthracene (C19.43)	10.717	3090670	19.451 ug/ml
12) T Fluoranthene (C21.85)	12.448	3834953	18.739 ug/ml
13) T Pyrene (C20.8)	12.743	3810741	19.599 ug/ml
14) T Benzo[a]anthracene (C...	14.607	3395925	18.882 ug/ml
15) T Chrysene (C27.41)	14.649	3719005	18.948 ug/ml
16) T benzo[b]fluoranthene ...	16.150	3676371	19.601 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	3720694	18.810 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	3454750	19.829 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	3694722	19.853 ug/mlm
20) T Dibenz[a,h]anthracene...	17.924	3653088	19.870 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.137	3584641	19.184 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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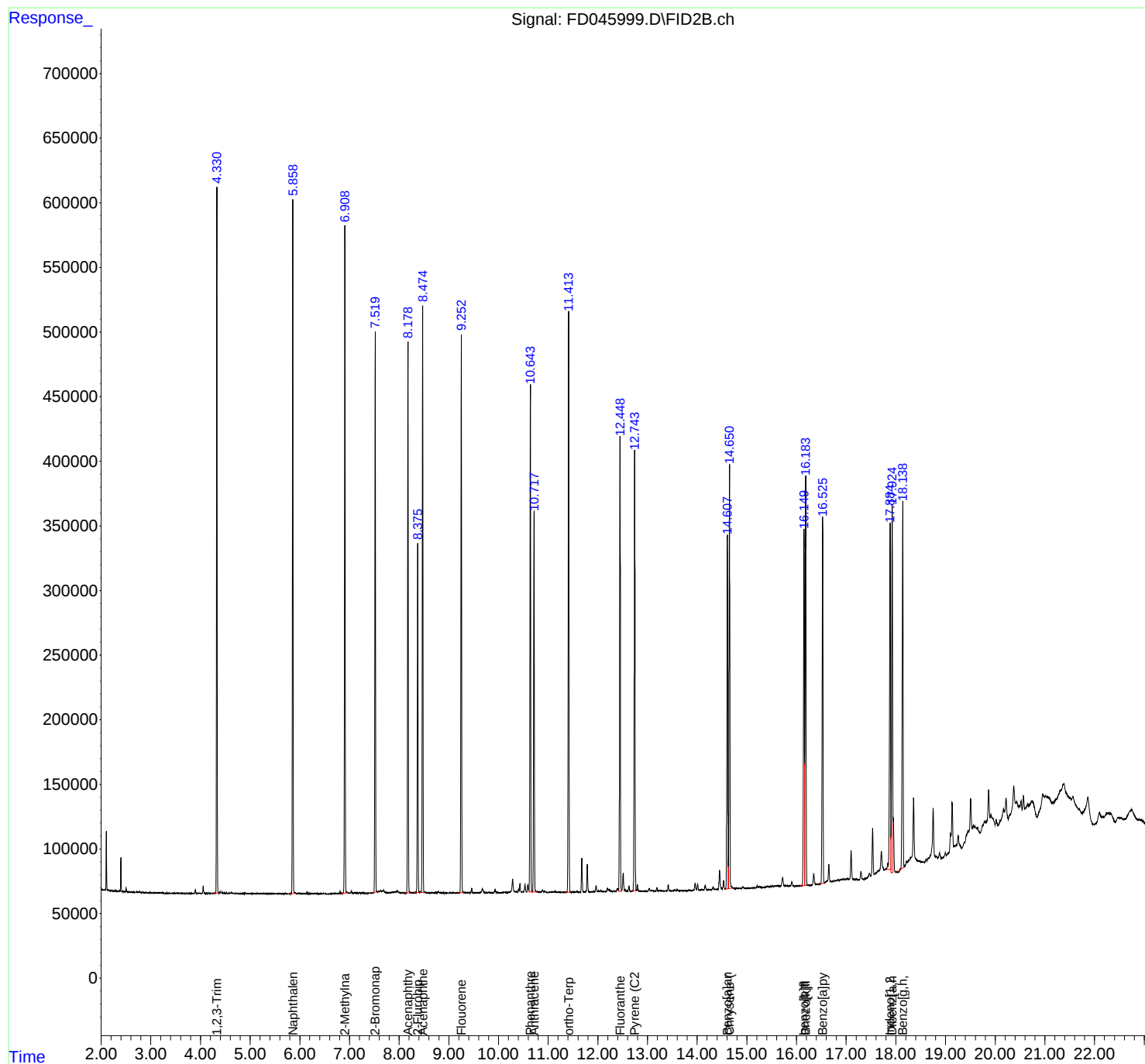
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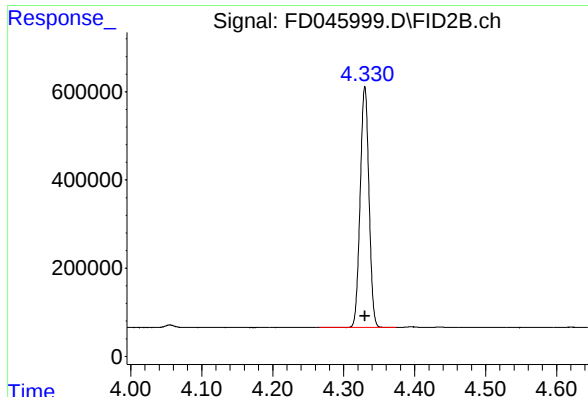
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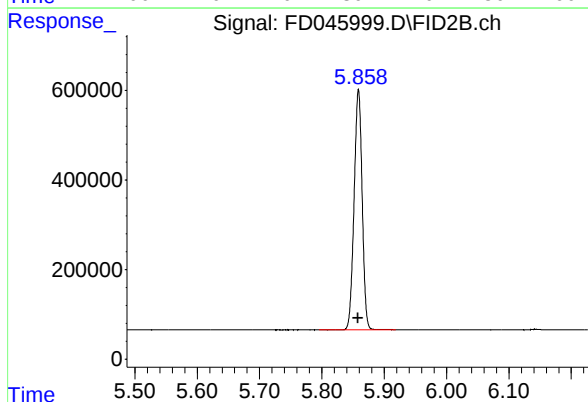
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 4705351
Conc: 18.89 ug/ml

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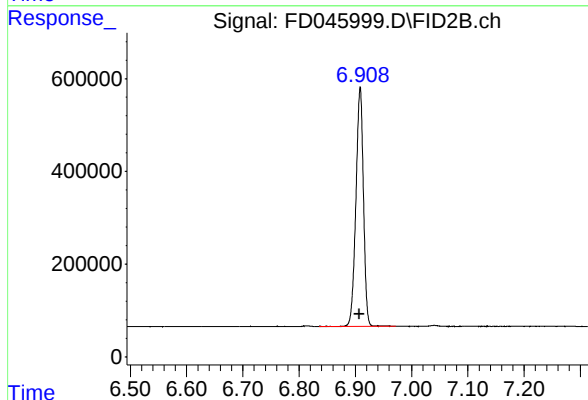
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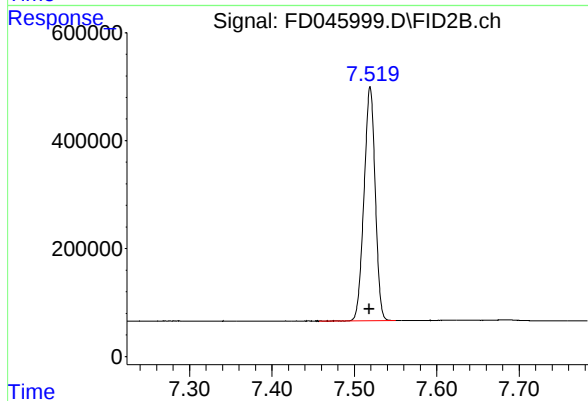
#2 Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 4819208
Conc: 18.89 ug/ml



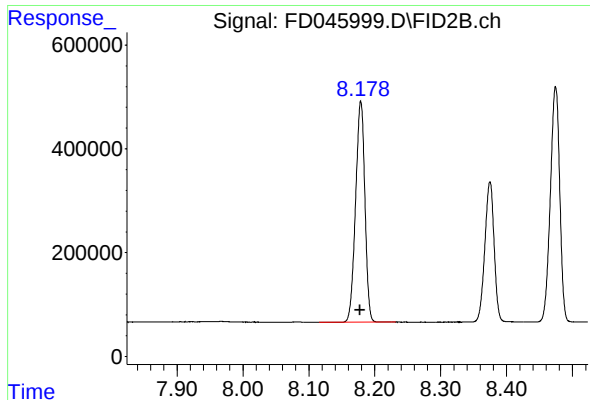
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.001 min
Response: 4785595
Conc: 18.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 4089210
Conc: 18.98 ug/ml



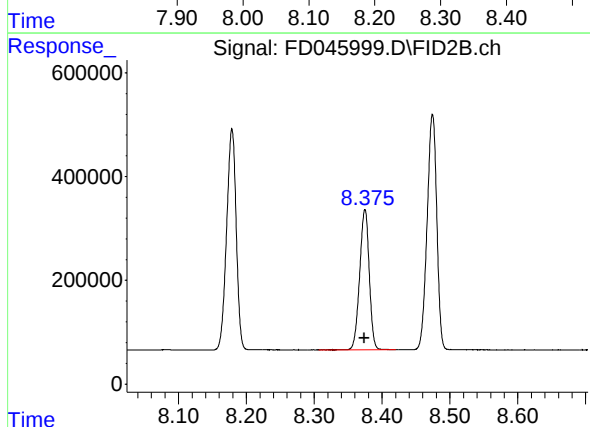
#5 Acenaphthylene (C15.06)

R.T.: 8.179 min
Delta R.T.: 0.001 min
Response: 4172279
Conc: 19.21 ug/ml

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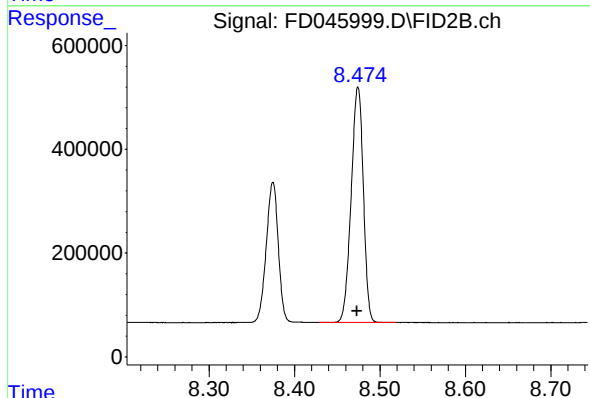
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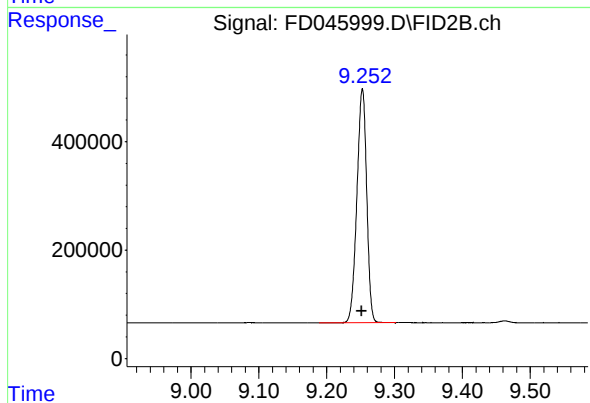
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.001 min
Response: 2641071
Conc: 19.08 ug/ml



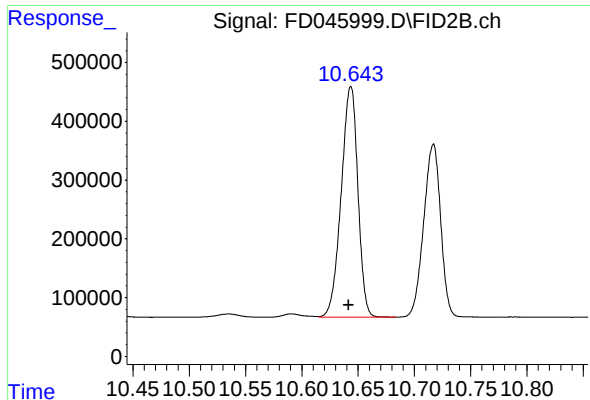
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 4486297
Conc: 19.03 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.253 min
Delta R.T.: 0.000 min
Response: 4320745
Conc: 19.10 ug/ml



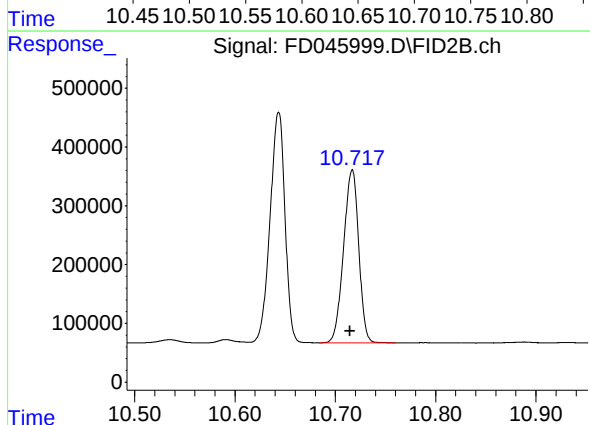
#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: 0.002 min
Response: 4054878
Conc: 19.00 ug/ml

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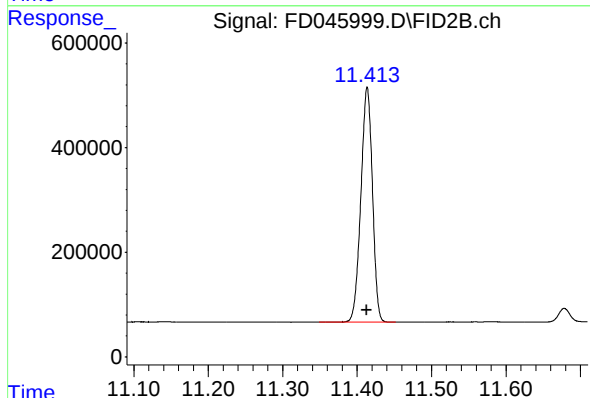
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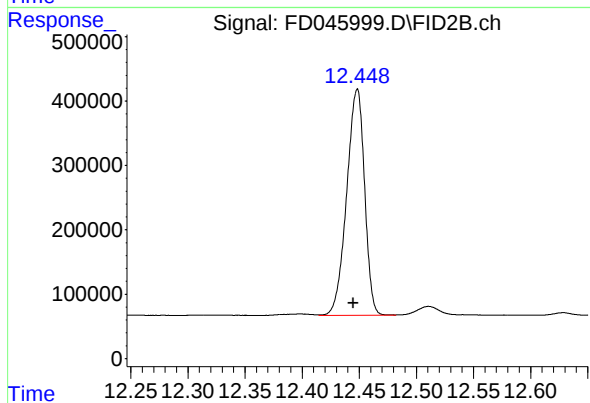
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: 0.002 min
Response: 3090670
Conc: 19.45 ug/ml



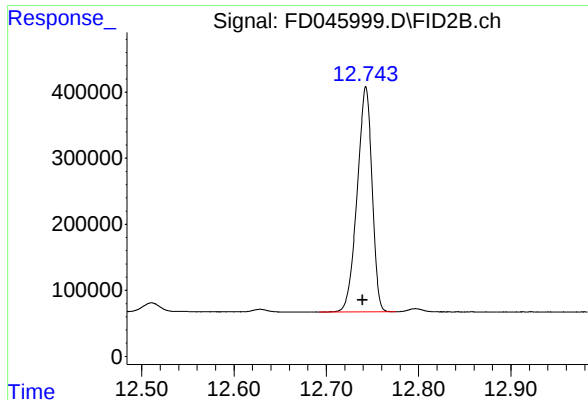
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min
Delta R.T.: 0.000 min
Response: 4836733
Conc: 19.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.448 min
Delta R.T.: 0.003 min
Response: 3834953
Conc: 18.74 ug/ml



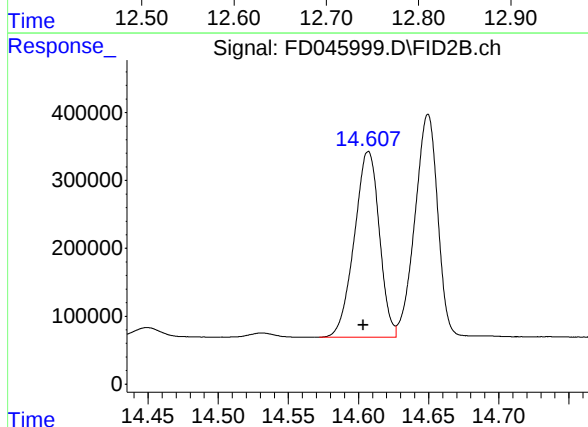
#13 Pyrene (C20.8)

R.T.: 12.743 min
Delta R.T.: 0.003 min
Response: 3810741
Conc: 19.60 ug/ml

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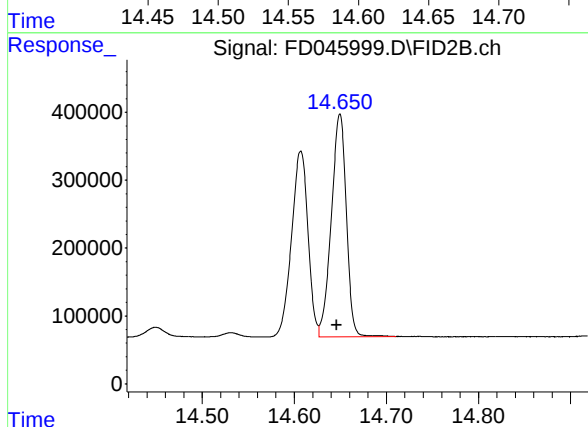
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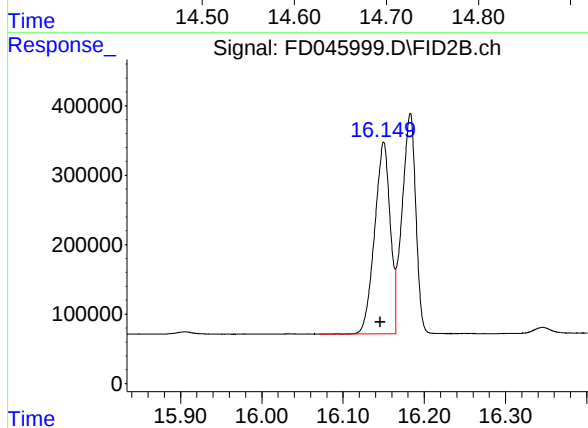
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: 0.004 min
Response: 3395925
Conc: 18.88 ug/ml



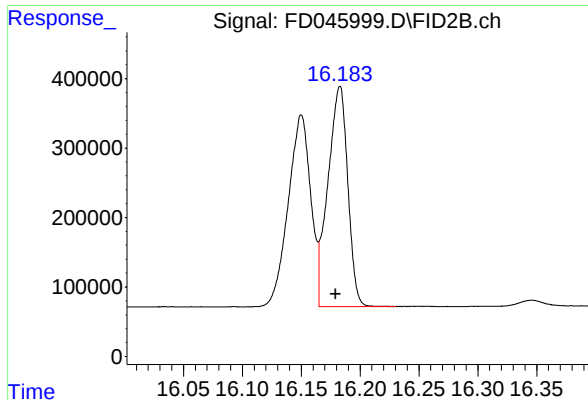
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: 0.003 min
Response: 3719005
Conc: 18.95 ug/ml



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

R.T.: 16.150 min
Delta R.T.: 0.004 min
Response: 3676371
Conc: 19.60 ug/ml



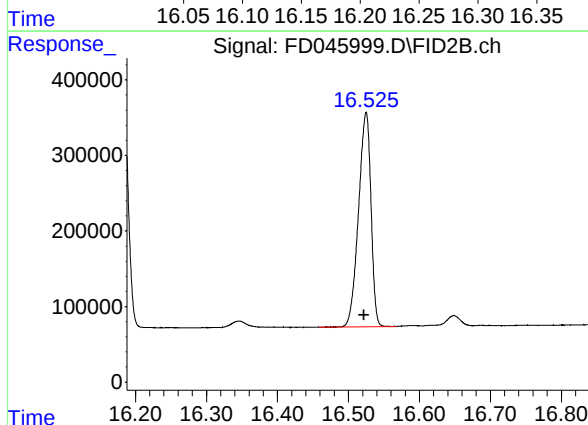
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 3720694
Conc: 18.81 ug/ml

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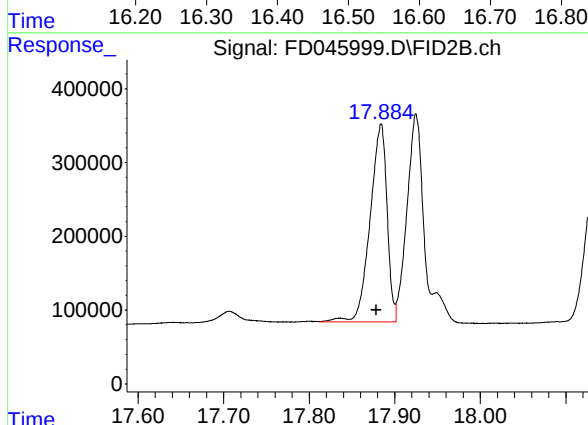
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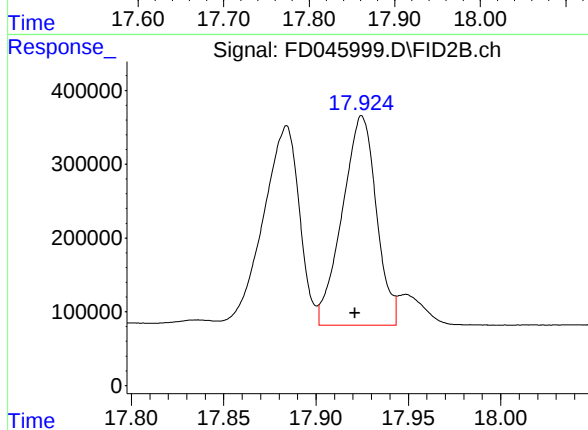
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: 0.003 min
Response: 3454750
Conc: 19.83 ug/ml



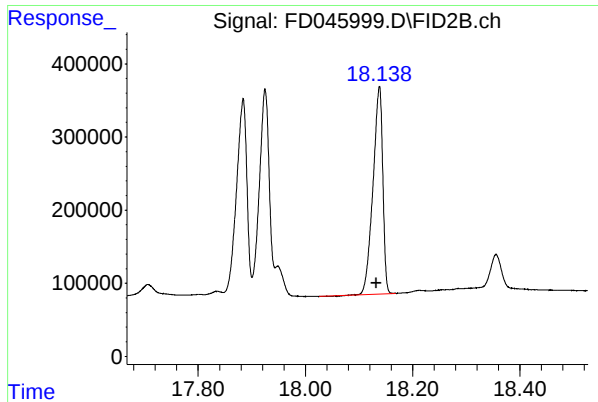
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: 0.005 min
Response: 3694722
Conc: 19.85 ug/ml m



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

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 3653088
Conc: 19.87 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: 0.005 min
Response: 3584641
Conc: 19.18 ug/ml

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