

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045944.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 03:41
 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 06/26/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 25 05:34:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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	3644032	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	8.374	2333664	19.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.82%
11) S ortho-Terphenyl (SURR)	11.414	4270407	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	4207283	20.841 ug/ml
2) T Naphthalene (C11.7)	5.859	4305324	20.318 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4262483	20.182 ug/ml
5) T Acenaphthylene (C15.06)	8.178	3707702	19.570 ug/ml
7) T Acenaphthene (C15.5)	8.474	3982336	19.697 ug/ml
8) T Fluorene (C16.55)	9.252	3824194	19.301 ug/ml
9) T Phenanthrene (C19.36)	10.642	3583691	18.732 ug/ml
10) T Anthracene (C19.43)	10.716	2877981	16.895 ug/ml
12) T Fluoranthene (C21.85)	12.447	3377456	18.281 ug/ml
13) T Pyrene (C20.8)	12.741	3239541	18.139 ug/ml
14) T Benzo[a]anthracene (C...	14.605	2955462	18.877 ug/ml
15) T Chrysene (C27.41)	14.647	3128275	18.961 ug/ml
16) T benzo[b]fluoranthene ...	16.147	3150924	20.819 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.181	3094016	19.985 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	3035239	20.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	3040485	20.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	3370603	22.468 ug/ml
21) T Benzo[g,h,i]perylene ...	18.134	3131782	21.225 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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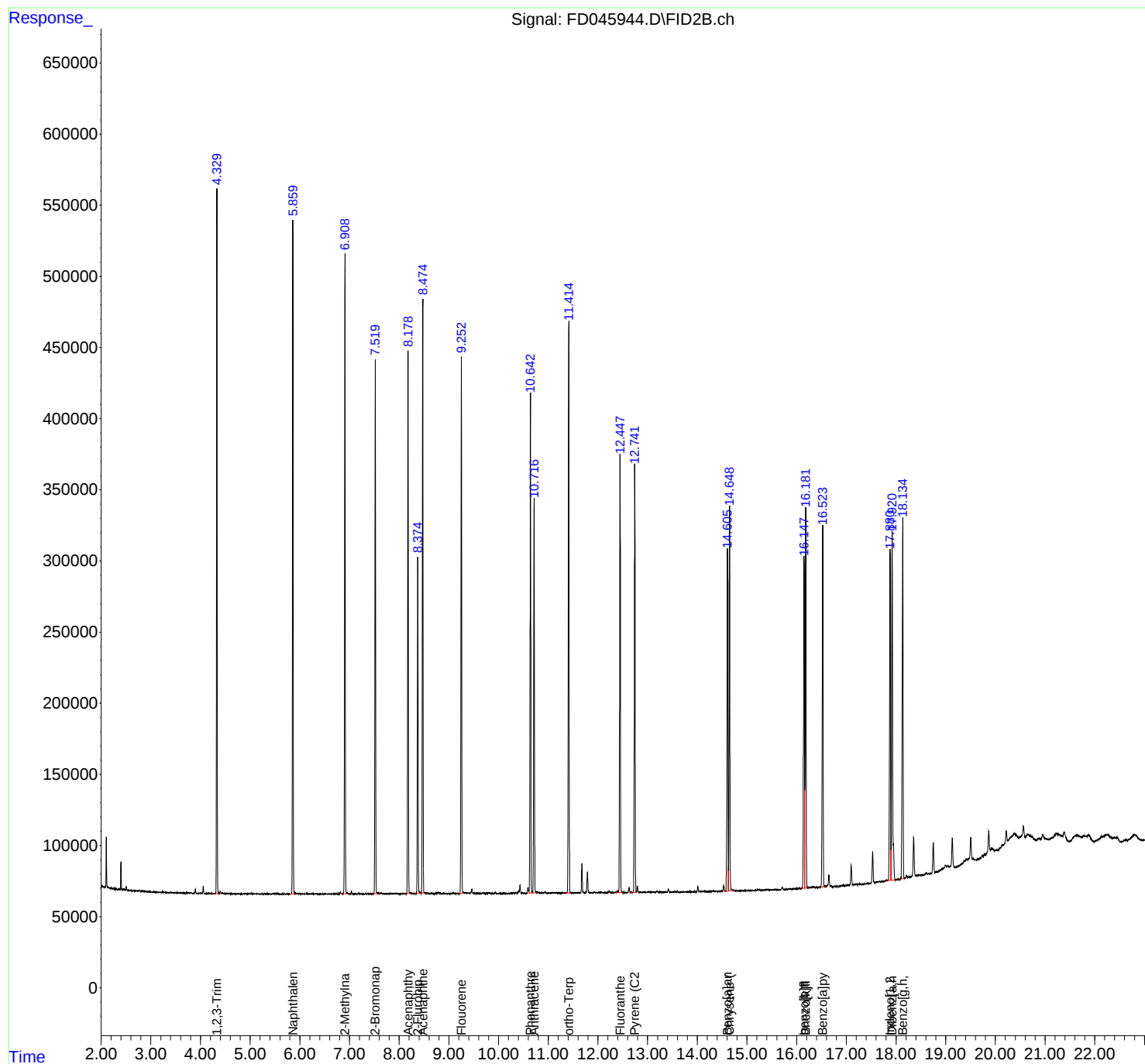
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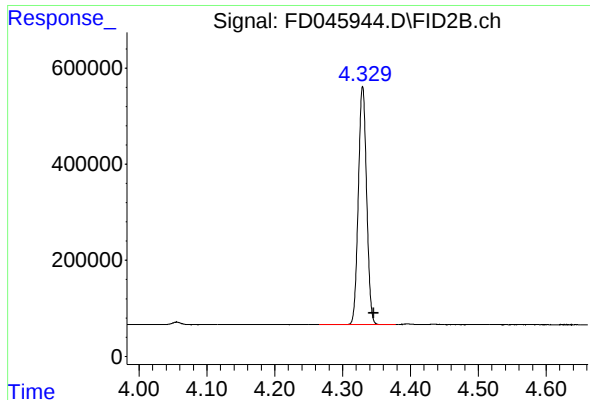
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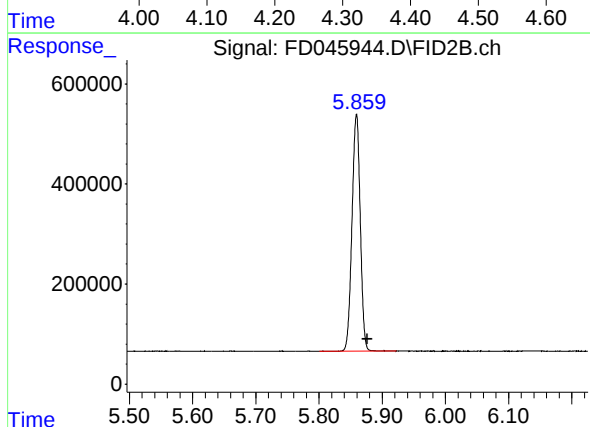
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.330 min
Delta R.T.: -0.016 min
Response: 4207283
Conc: 20.84 ug/ml

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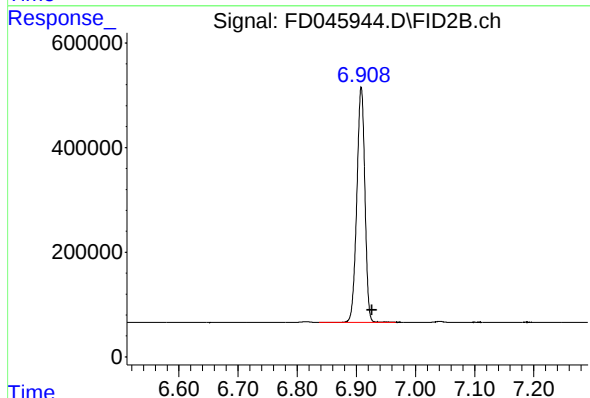
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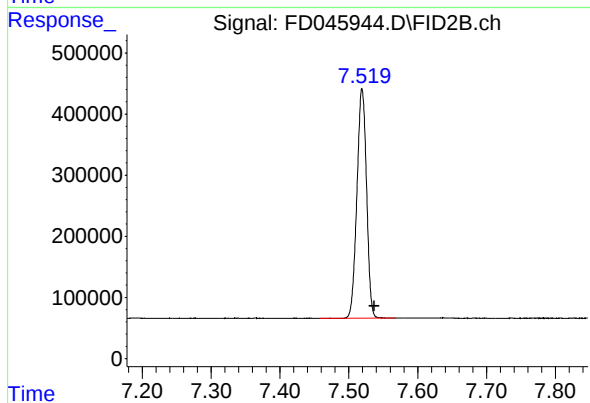
#2 Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.017 min
Response: 4305324
Conc: 20.32 ug/ml



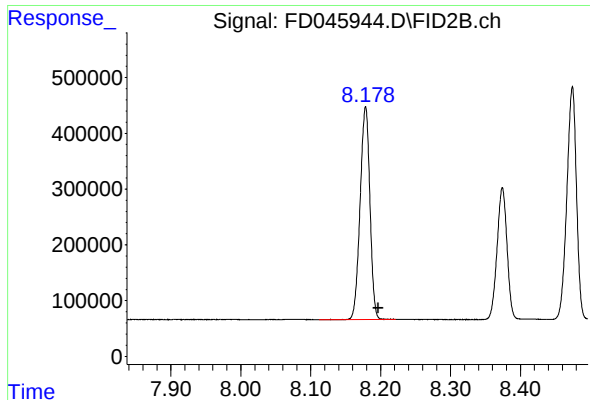
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.018 min
Response: 4262483
Conc: 20.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.018 min
Response: 3644032
Conc: 20.21 ug/ml



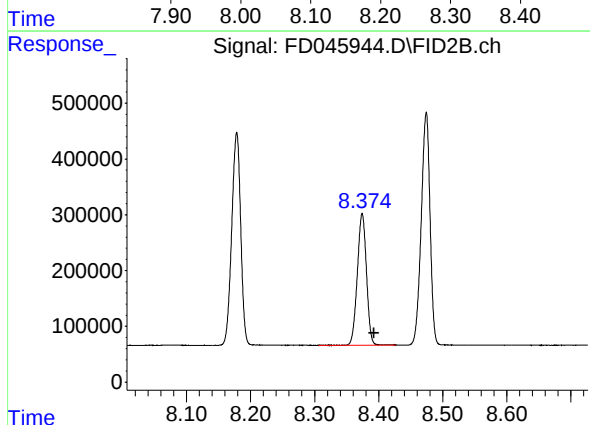
#5 Acenaphthylene (C15.06)

R.T.: 8.178 min
Delta R.T.: -0.018 min
Response: 3707702
Conc: 19.57 ug/ml

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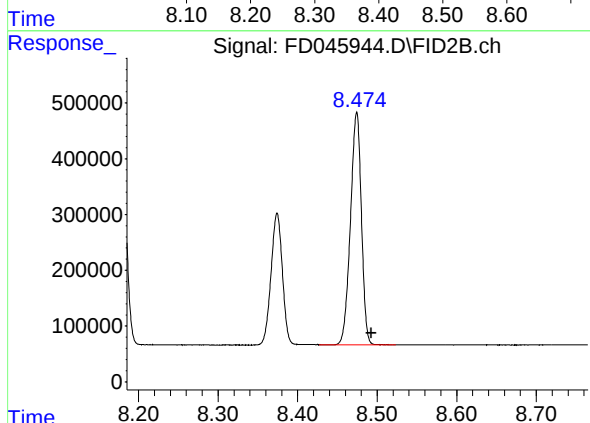
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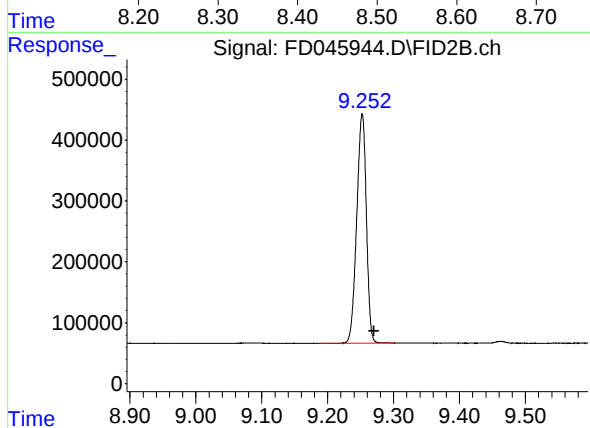
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: -0.018 min
Response: 2333664
Conc: 19.41 ug/ml



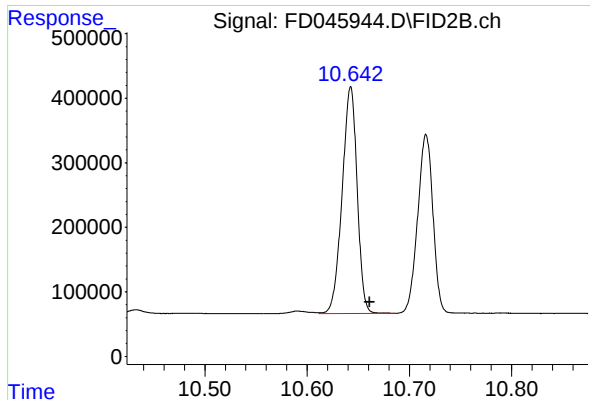
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.018 min
Response: 3982336
Conc: 19.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.252 min
Delta R.T.: -0.018 min
Response: 3824194
Conc: 19.30 ug/ml



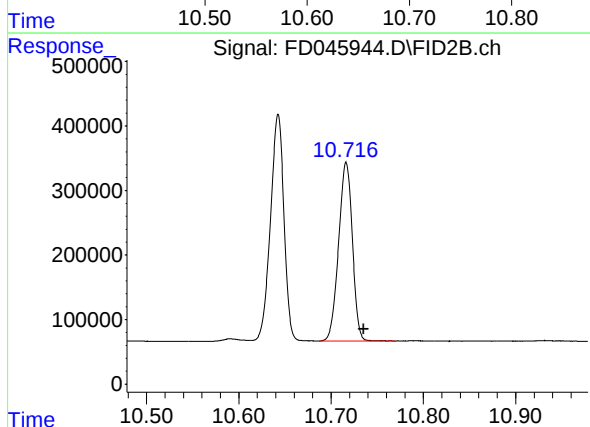
#9 Phenanthrene (C19.36)

R.T.: 10.642 min
Delta R.T.: -0.019 min
Response: 3583691
Conc: 18.73 ug/ml

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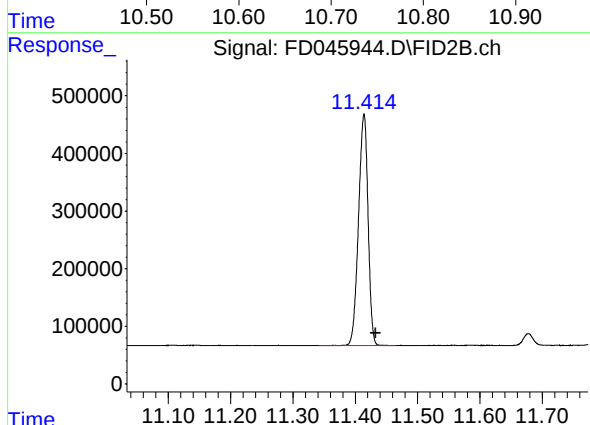
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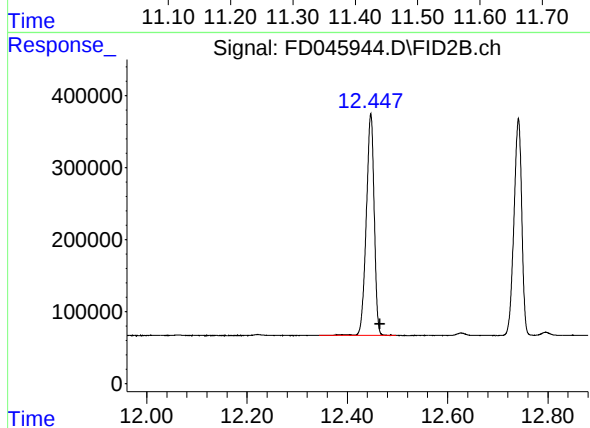
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: -0.019 min
Response: 2877981
Conc: 16.89 ug/ml



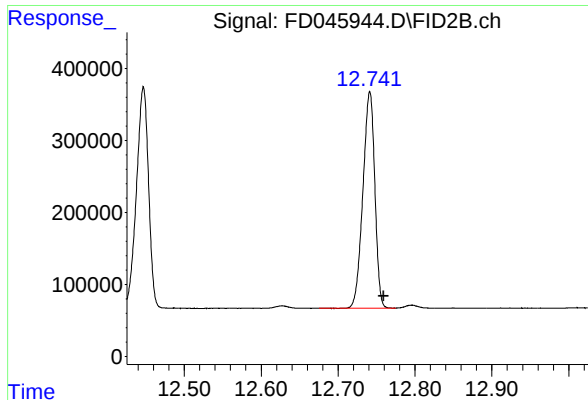
#11 ortho-Terphenyl (SURRE)

R.T.: 11.414 min
Delta R.T.: -0.019 min
Response: 4270407
Conc: 19.12 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 3377456
Conc: 18.28 ug/ml



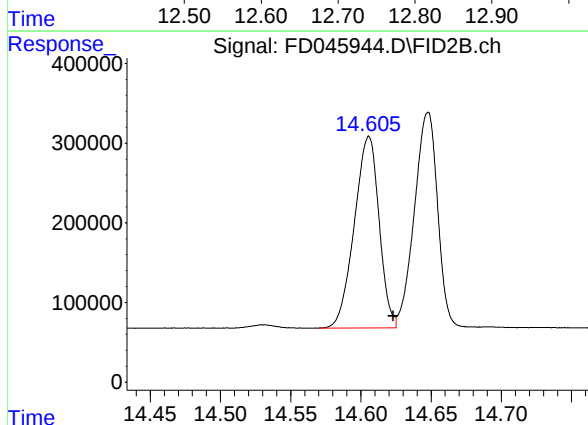
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 3239541
Conc: 18.14 ug/ml

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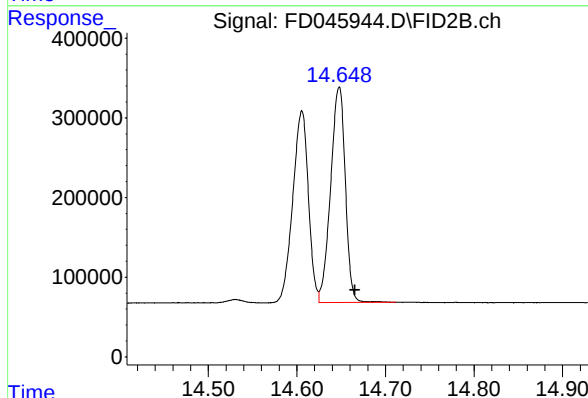
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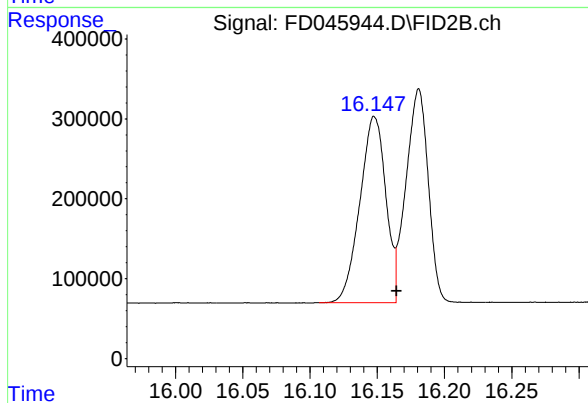
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 2955462
Conc: 18.88 ug/ml



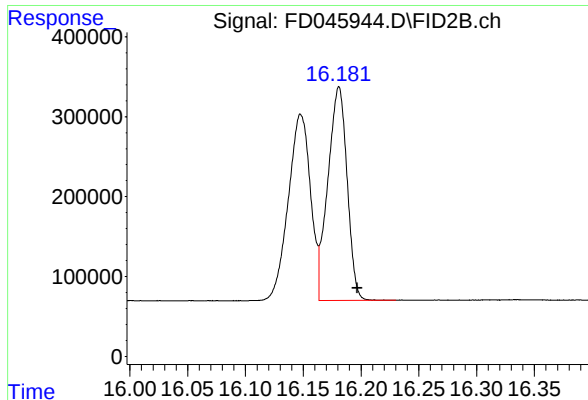
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: -0.018 min
Response: 3128275
Conc: 18.96 ug/ml



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

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 3150924
Conc: 20.82 ug/ml m



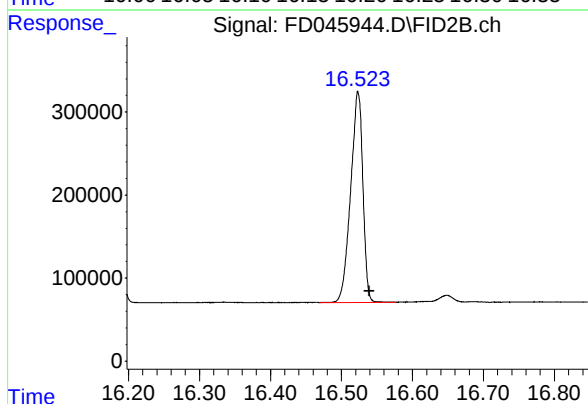
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.181 min
Delta R.T.: -0.016 min
Response: 3094016
Conc: 19.98 ug/ml

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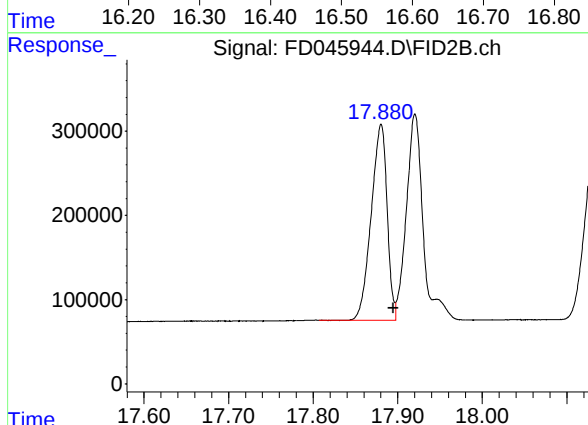
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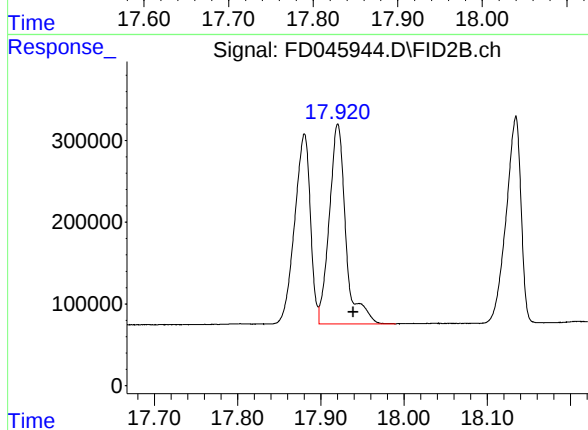
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: -0.016 min
Response: 3035239
Conc: 20.76 ug/ml



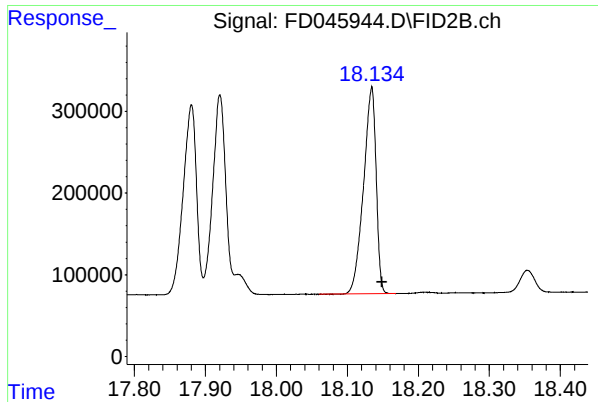
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 3040485
Conc: 20.76 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.019 min
Response: 3370603
Conc: 22.47 ug/ml



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

R.T.: 18.134 min
Delta R.T.: -0.015 min
Response: 3131782
Conc: 21.22 ug/ml

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