

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048373.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 10:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.384	3351186	22.096 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
6) S 2-Fluorobiphenyl (SURR)	8.234	2144095	22.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.88%
11) S ortho-Terphenyl (SURR)	11.270	3838137	22.371 ug/ml
Spiked Amount 50.000		Recovery =	44.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3816246	21.633 ug/ml
2) T Naphthalene (C11.7)	5.724	3974296	21.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	3896871	21.781 ug/ml
5) T Acenaphthylene (C15.06)	8.037	3812007	21.818 ug/ml
7) T Acenaphthene (C15.5)	8.331	3878650	21.808 ug/ml
8) T Flouorene (C16.55)	9.109	3720897	22.221 ug/ml
9) T Phenanthrene (C19.36)	10.497	3669149	22.727 ug/ml
10) T Anthracene (C19.43)	10.571	3177688	19.969 ug/ml
12) T Fluoranthene (C21.85)	12.301	3700161	22.825 ug/ml
13) T Pyrene (C20.8)	12.594	3671677	22.900 ug/ml
14) T Benzo[a]anthracene (C...	14.462	3287339	23.468 ug/ml
15) T Chrysene (C27.41)	14.505	3672831	22.298 ug/ml
16) T benzo[b]fluoranthene ...	16.008	3512743	23.643 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	3429083	22.265 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	3411754	23.060 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	2676681	23.689 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	3570998	23.399 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	3393654	23.023 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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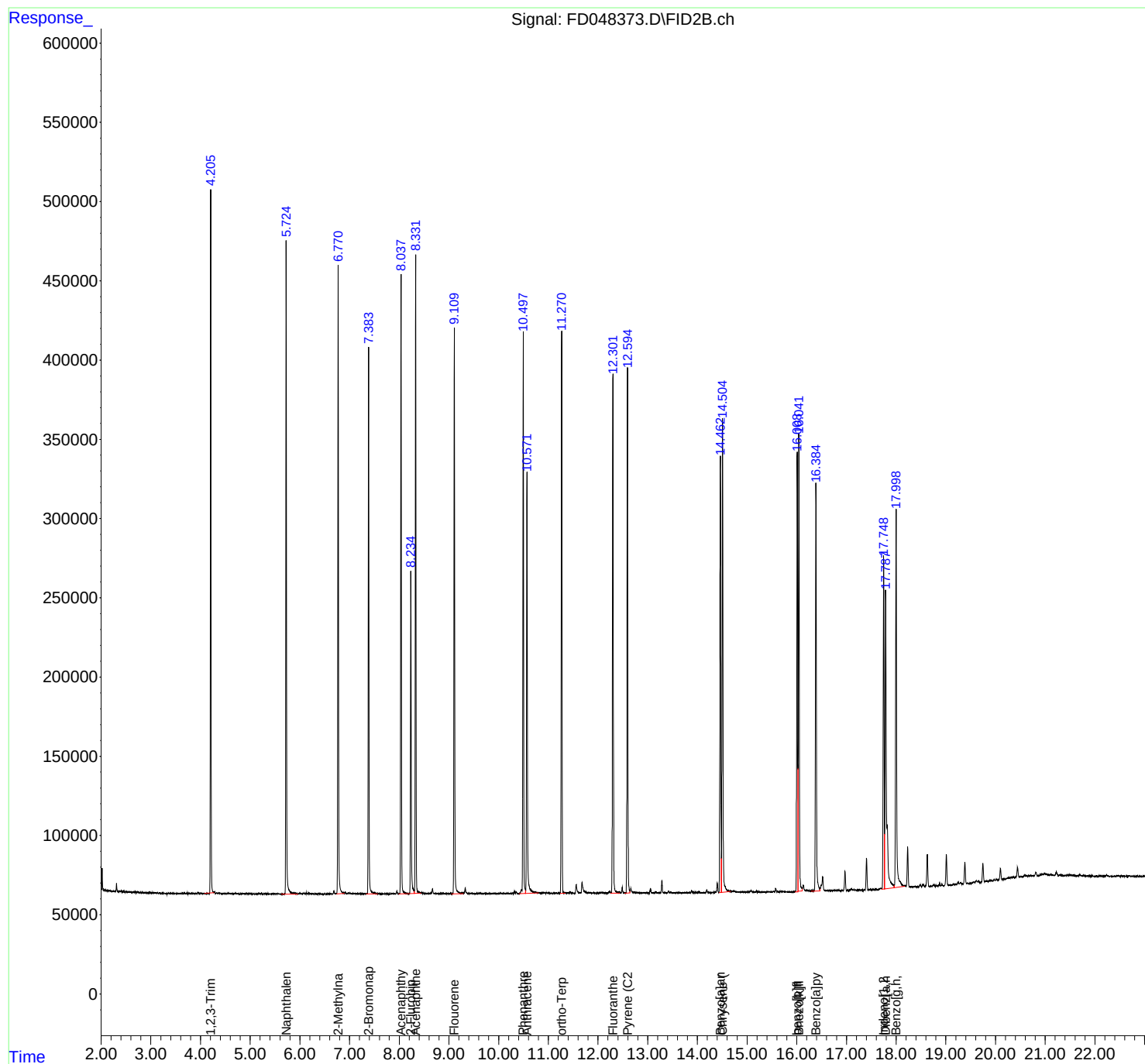
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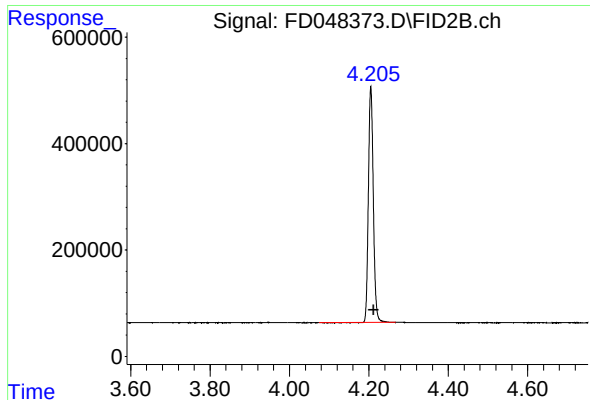
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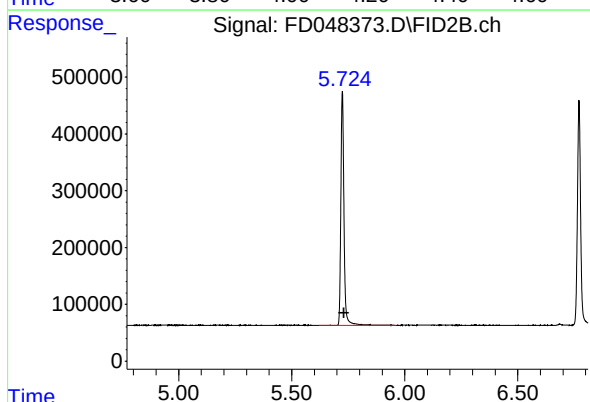
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.205 min
Delta R.T.: -0.007 min
Response: 3816246
Conc: 21.63 ug/ml

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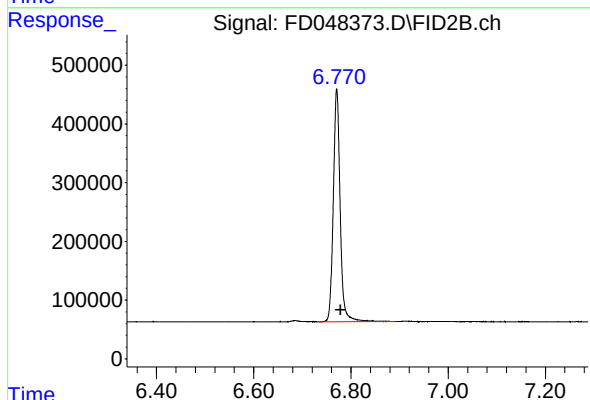
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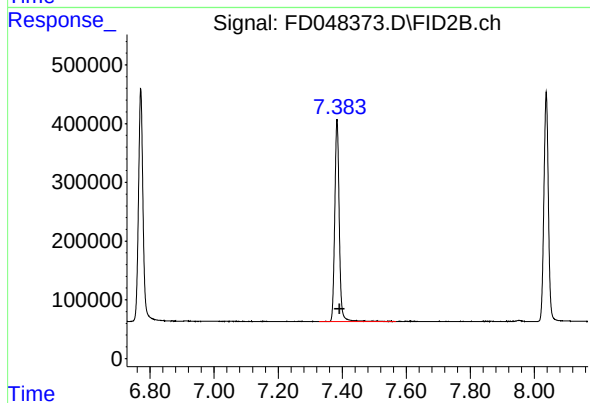
#2 Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 3974296
Conc: 21.98 ug/ml



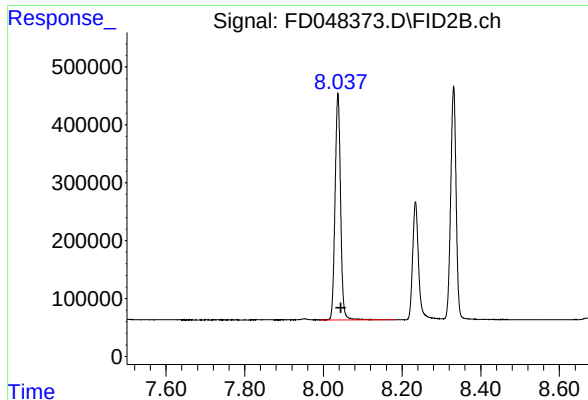
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 3896871
Conc: 21.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.384 min
Delta R.T.: -0.008 min
Response: 3351186
Conc: 22.10 ug/ml



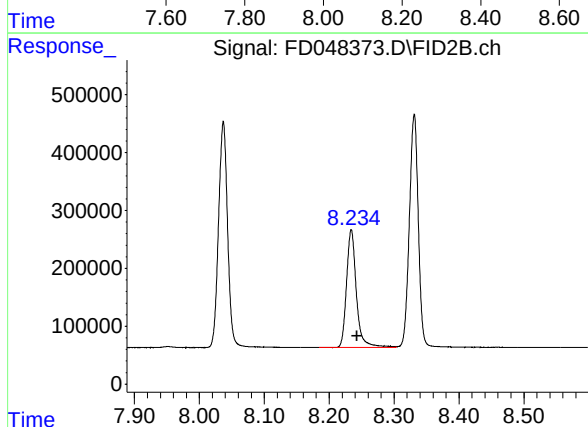
#5 Acenaphthylene (C15.06)

R.T.: 8.037 min
Delta R.T.: -0.008 min
Response: 3812007
Conc: 21.82 ug/ml

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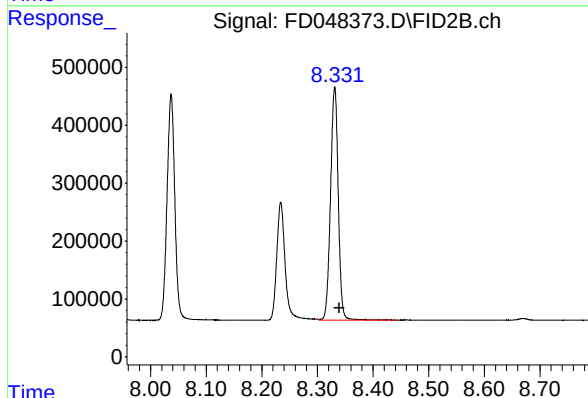
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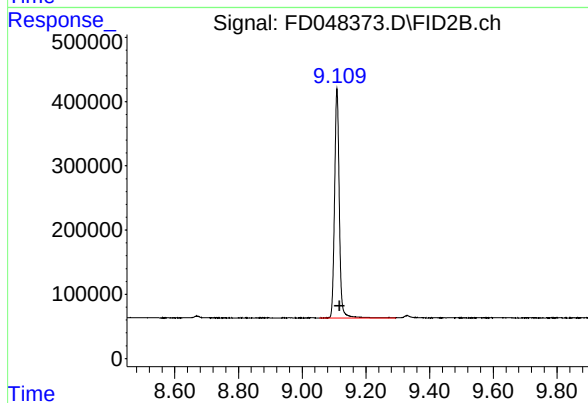
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.008 min
Response: 2144095
Conc: 22.44 ug/ml



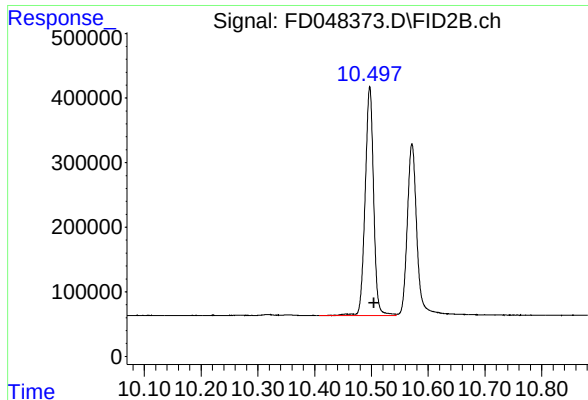
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: -0.008 min
Response: 3878650
Conc: 21.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: -0.008 min
Response: 3720897
Conc: 22.22 ug/ml



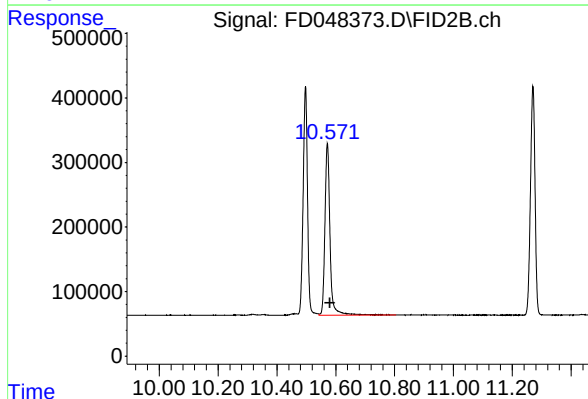
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: -0.008 min
Response: 3669149
Conc: 22.73 ug/ml

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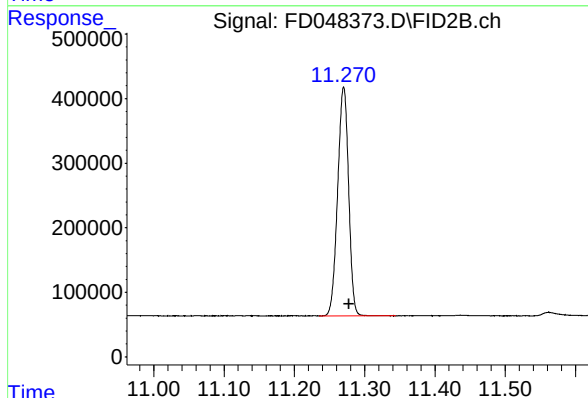
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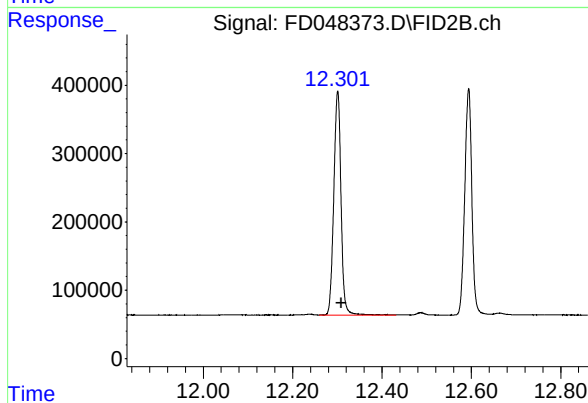
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.009 min
Response: 3177688
Conc: 19.97 ug/ml



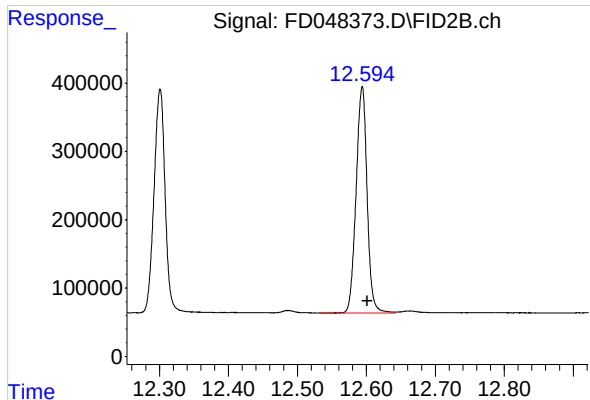
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 3838137
Conc: 22.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: -0.008 min
Response: 3700161
Conc: 22.82 ug/ml



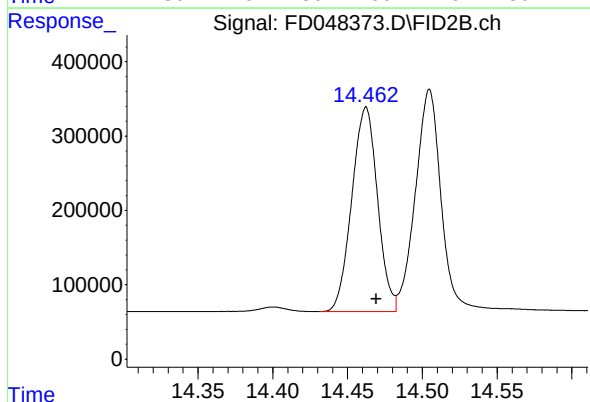
#13 Pyrene (C20.8)

R.T.: 12.594 min
Delta R.T.: -0.008 min
Response: 3671677
Conc: 22.90 ug/ml

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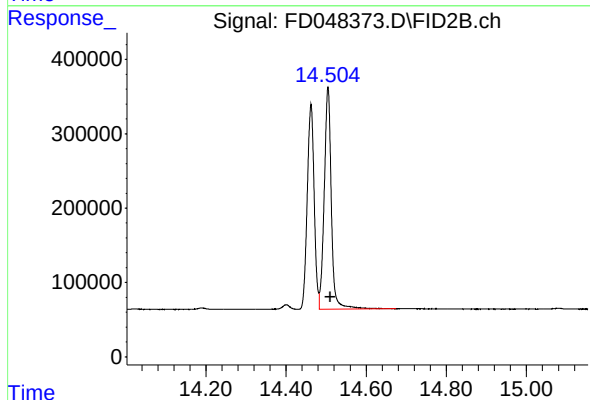
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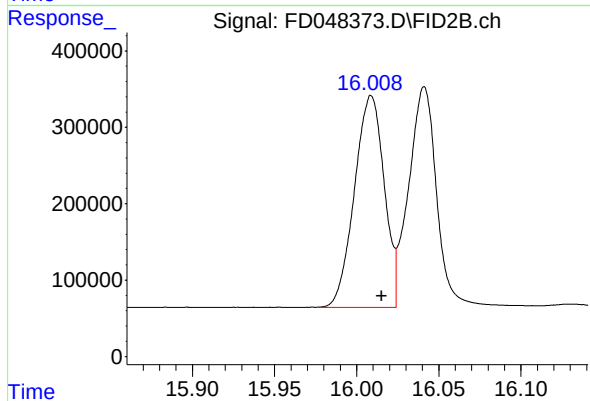
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.007 min
Response: 3287339
Conc: 23.47 ug/ml



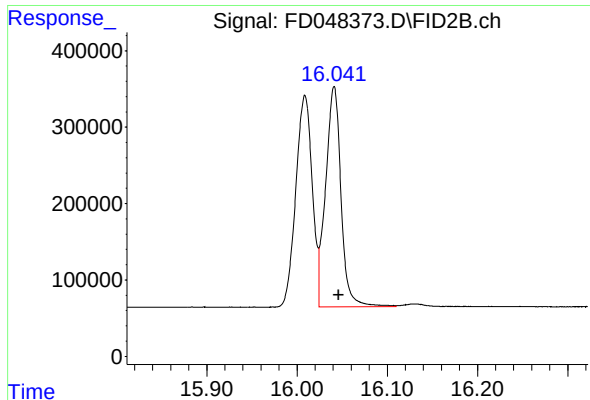
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.006 min
Response: 3672831
Conc: 22.30 ug/ml



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

R.T.: 16.008 min
Delta R.T.: -0.007 min
Response: 3512743
Conc: 23.64 ug/ml m



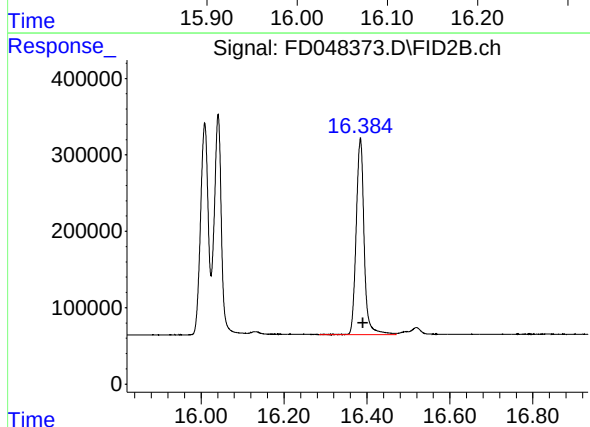
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.005 min
Response: 3429083
Conc: 22.26 ug/ml

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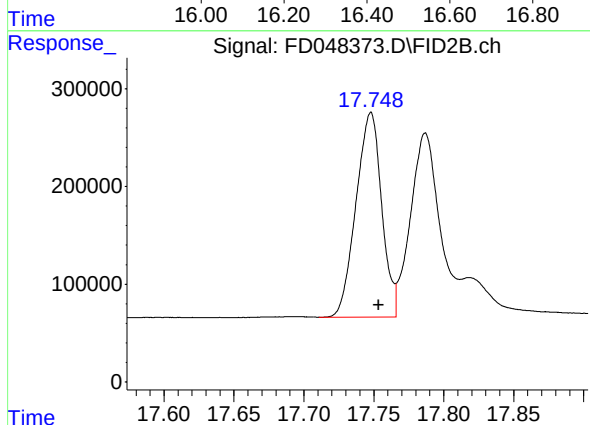
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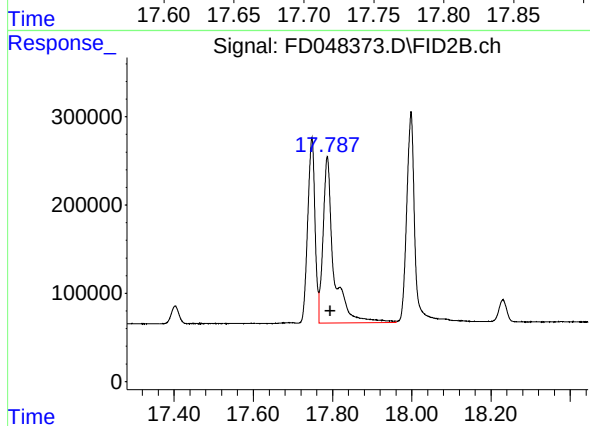
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: -0.007 min
Response: 3411754
Conc: 23.06 ug/ml



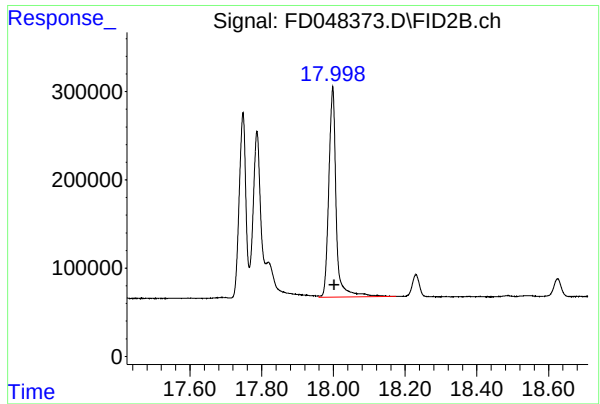
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.006 min
Response: 2676681
Conc: 23.69 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.008 min
Response: 3570998
Conc: 23.40 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.005 min
Response: 3393654
Conc: 23.02 ug/ml

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