

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048324.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 13:12
 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 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 05:10:21 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...	7.388	3097518	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
6) S 2-Fluorobiphenyl (SURR)	8.239	1920307	20.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.273	3515157	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	3662941	20.764 ug/ml
2) T Naphthalene (C11.7)	5.728	3725807	20.603 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	3667213	20.498 ug/ml
5) T Acenaphthylene (C15.06)	8.040	3552513	20.333 ug/ml
7) T Acenaphthene (C15.5)	8.334	3628437	20.401 ug/ml
8) T Flouorene (C16.55)	9.113	3350139	20.007 ug/ml
9) T Phenanthrene (C19.36)	10.500	3240716	20.073 ug/ml
10) T Anthracene (C19.43)	10.576	2865000	18.004 ug/ml
12) T Fluoranthene (C21.85)	12.304	3235296	19.957 ug/ml
13) T Pyrene (C20.8)	12.597	3276123	20.433 ug/ml
14) T Benzo[a]anthracene (C...	14.465	2695706	19.244 ug/ml
15) T Chrysene (C27.41)	14.506	3278752	19.905 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2869190	19.311 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	2970463	19.287 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.386	2821221	19.068 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	1675970	14.832 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	2545505	16.680 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	2518158	17.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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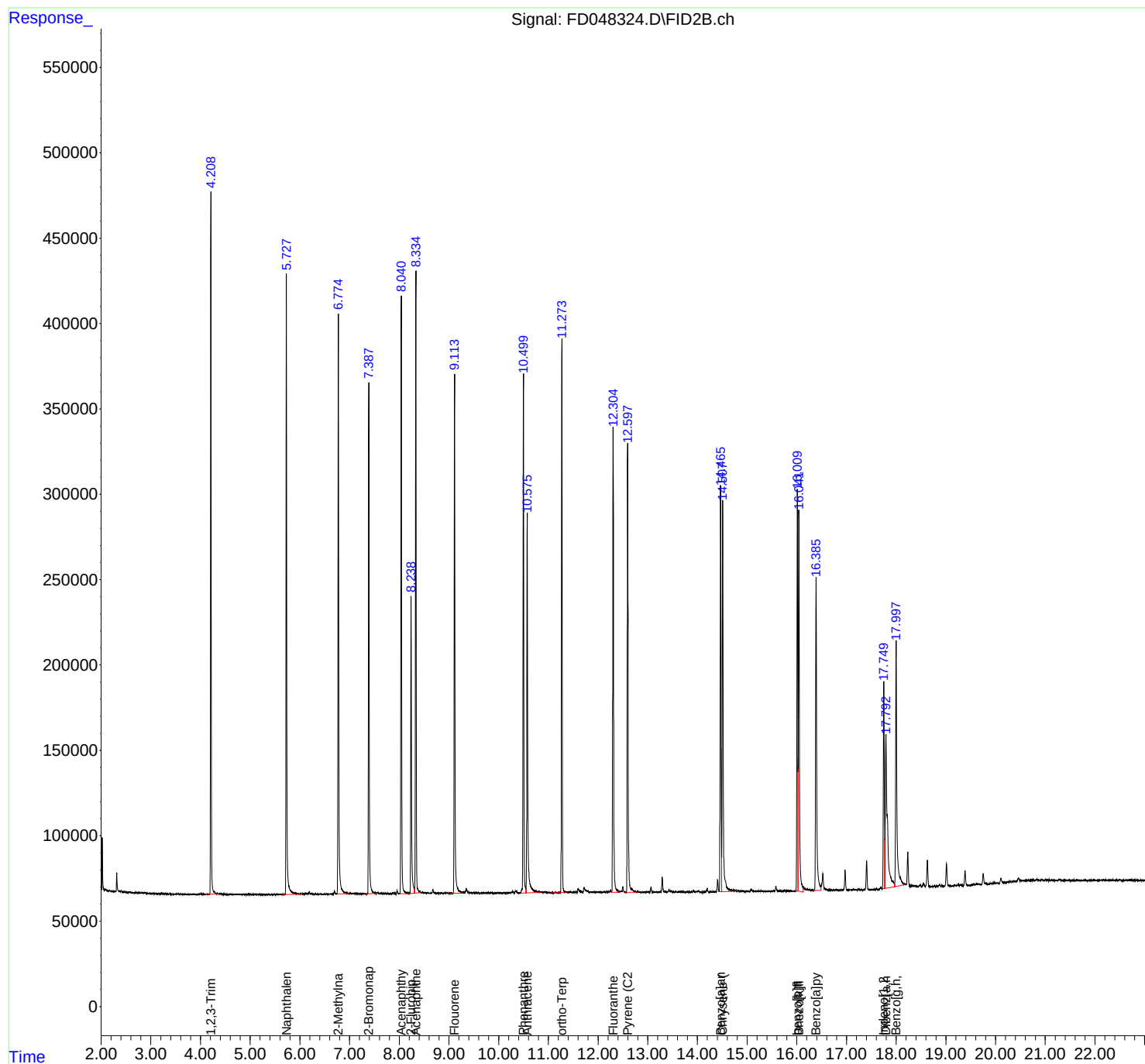
Instrument :
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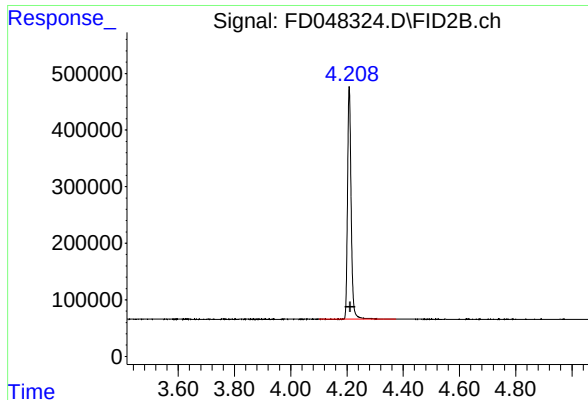
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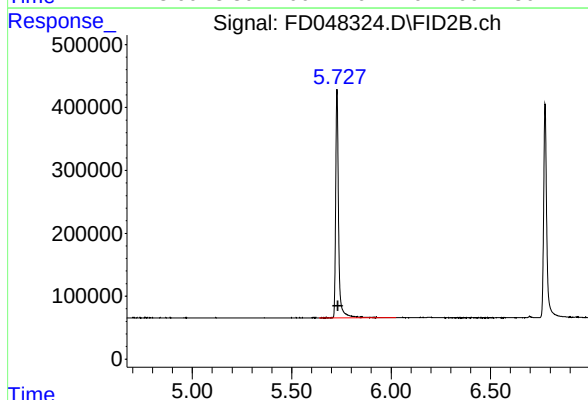
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 3662941
Conc: 20.76 ug/ml

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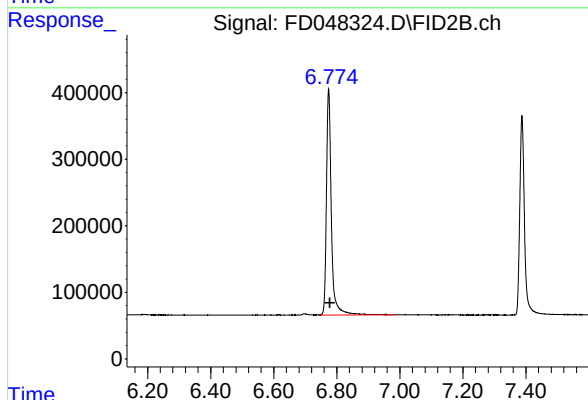
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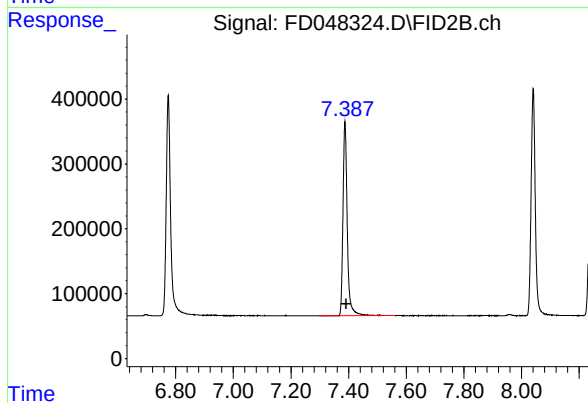
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 3725807
Conc: 20.60 ug/ml



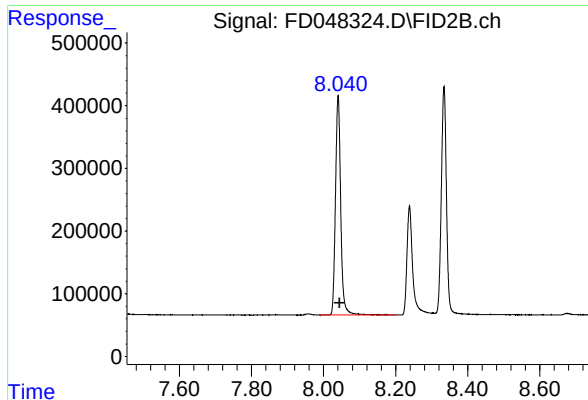
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 3667213
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 3097518
Conc: 20.42 ug/ml



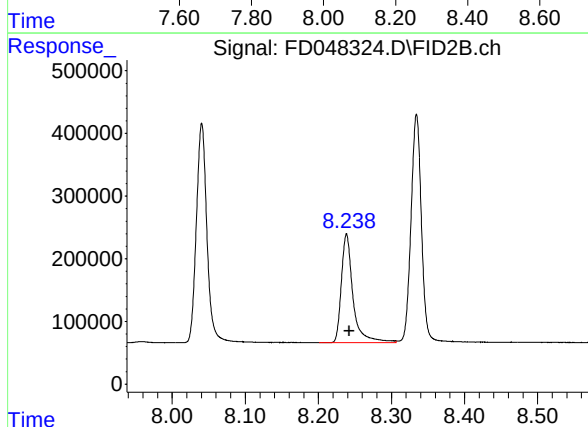
#5 Acenaphthylene (C15.06)

R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 3552513
Conc: 20.33 ug/ml

Instrument :
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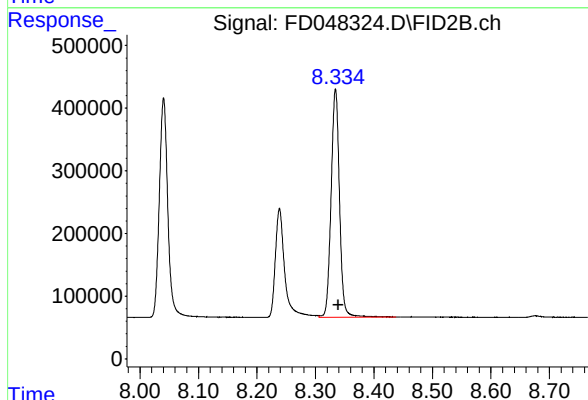
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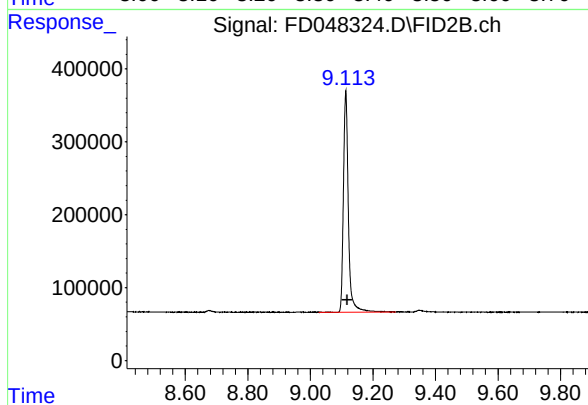
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 1920307
Conc: 20.10 ug/ml



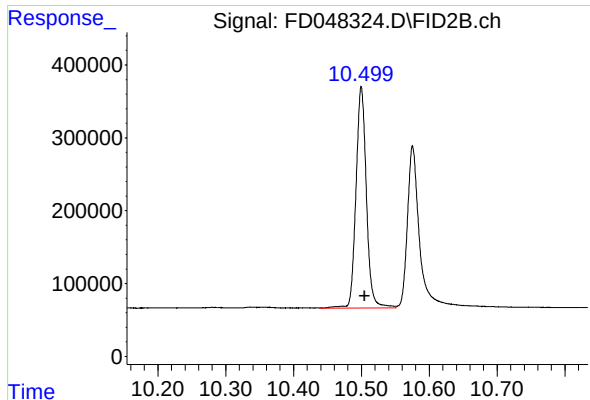
#7 Acenaphthene (C15.5)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 3628437
Conc: 20.40 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.113 min
Delta R.T.: -0.004 min
Response: 3350139
Conc: 20.01 ug/ml



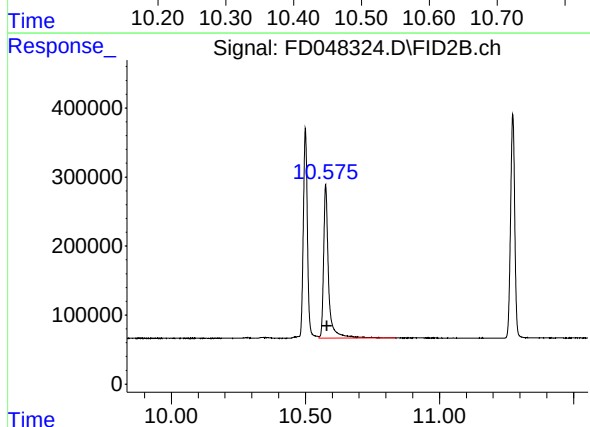
#9 Phenanthrene (C19.36)

R.T.: 10.500 min
Delta R.T.: -0.005 min
Response: 3240716
Conc: 20.07 ug/ml

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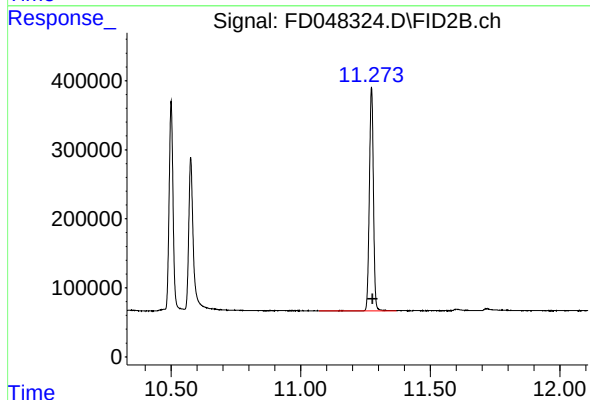
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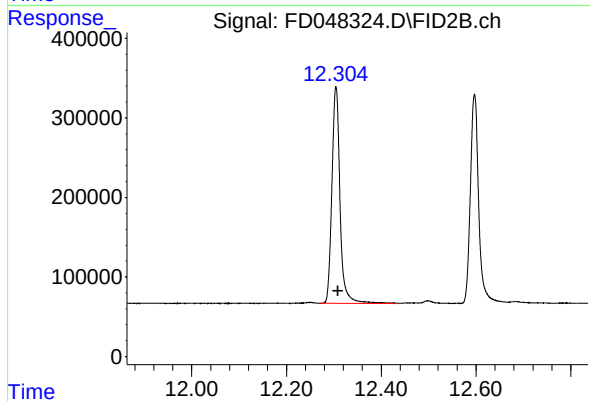
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.004 min
Response: 2865000
Conc: 18.00 ug/ml



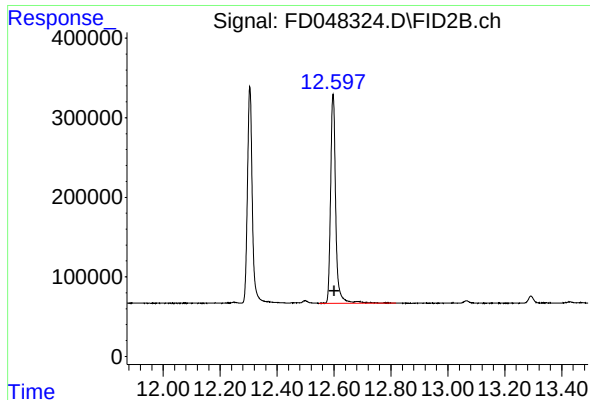
#11 ortho-Terphenyl (SURRE)

R.T.: 11.273 min
Delta R.T.: -0.004 min
Response: 3515157
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 3235296
Conc: 19.96 ug/ml



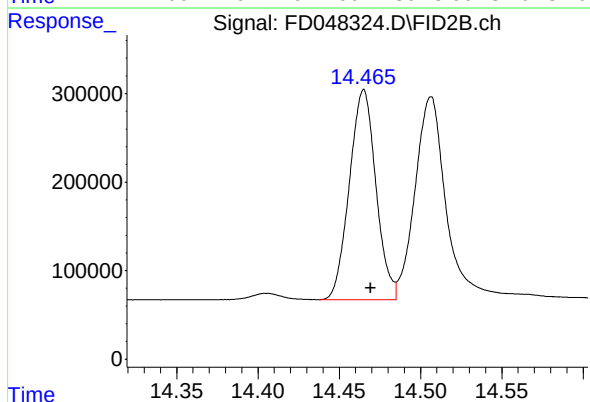
#13 Pyrene (C20.8)

R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 3276123
Conc: 20.43 ug/ml

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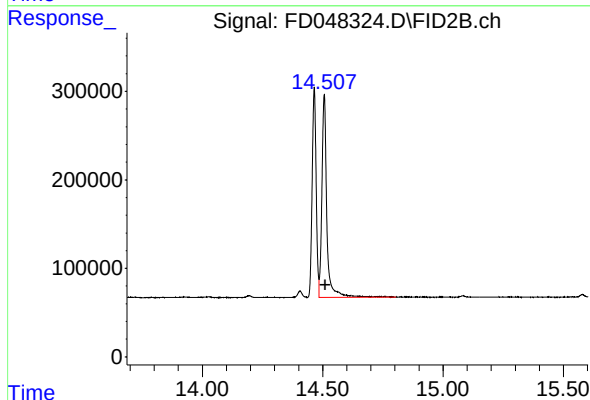
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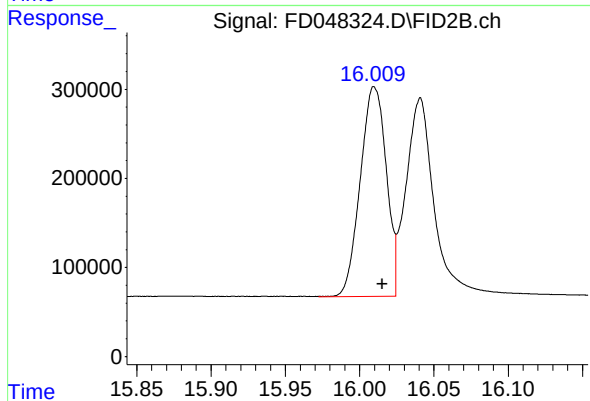
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.004 min
Response: 2695706
Conc: 19.24 ug/ml



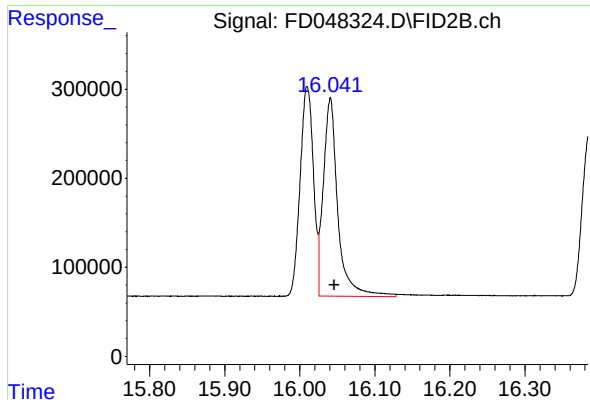
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: -0.004 min
Response: 3278752
Conc: 19.91 ug/ml



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

R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 2869190
Conc: 19.31 ug/ml m



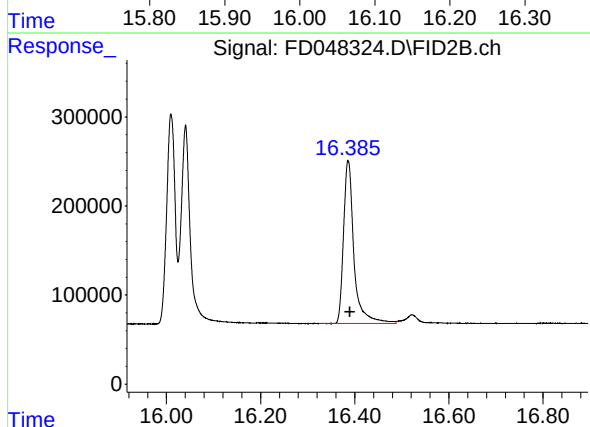
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: -0.006 min
Response: 2970463
Conc: 19.29 ug/ml

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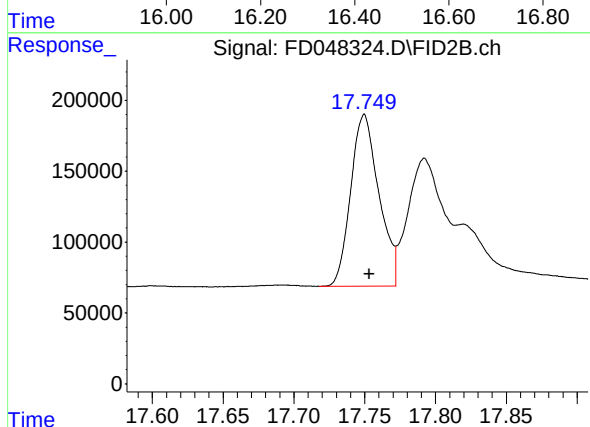


#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.004 min
Response: 2821221
Conc: 19.07 ug/ml

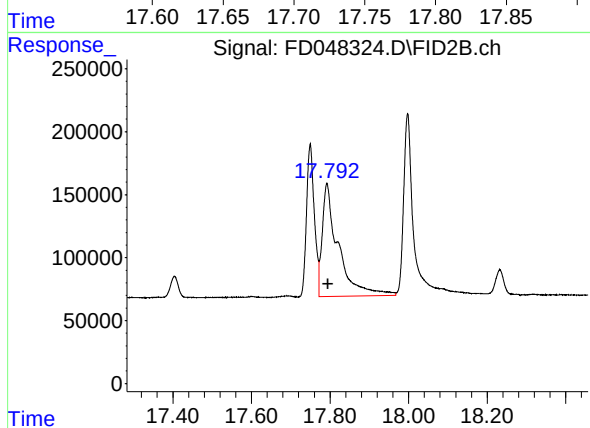
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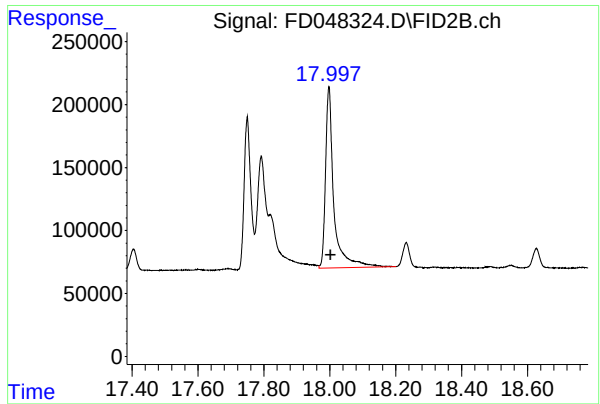
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.003 min
Response: 1675970
Conc: 14.83 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.002 min
Response: 2545505
Conc: 16.68 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.005 min
Response: 2518158
Conc: 17.08 ug/ml

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