

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
 Data File : FD048867.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 06:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 07:06:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.363	3313381	19.672 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
6) S 2-Fluorobiphenyl (SURR)	8.213	2069271	20.030 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.06%
11) S ortho-Terphenyl (SURR)	11.246	3446740	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3701153	19.548 ug/ml
2) T Naphthalene (C11.7)	5.703	3740432	19.575 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	3629123	19.640 ug/ml
5) T Acenaphthylene (C15.06)	8.014	3654040	19.579 ug/ml
7) T Acenaphthene (C15.5)	8.308	3616915	19.421 ug/ml
8) T Flouorene (C16.55)	9.088	3518743	19.692 ug/ml
9) T Phenanthrene (C19.36)	10.474	3288341	19.688 ug/ml
10) T Anthracene (C19.43)	10.551	3378394	19.905 ug/ml
12) T Fluoranthene (C21.85)	12.279	3234389	19.760 ug/ml
13) T Pyrene (C20.8)	12.571	3220981	19.804 ug/ml
14) T Benzo[a]anthracene (C...	14.440	2679502	20.282 ug/ml
15) T Chrysene (C27.41)	14.482	3056237	18.931 ug/ml
16) T benzo[b]fluoranthene ...	15.987	2683723	19.934 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.018	2817570	18.498 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.365	2721975	19.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	2035411	19.099 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	2920346	20.137 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	2749325	19.609 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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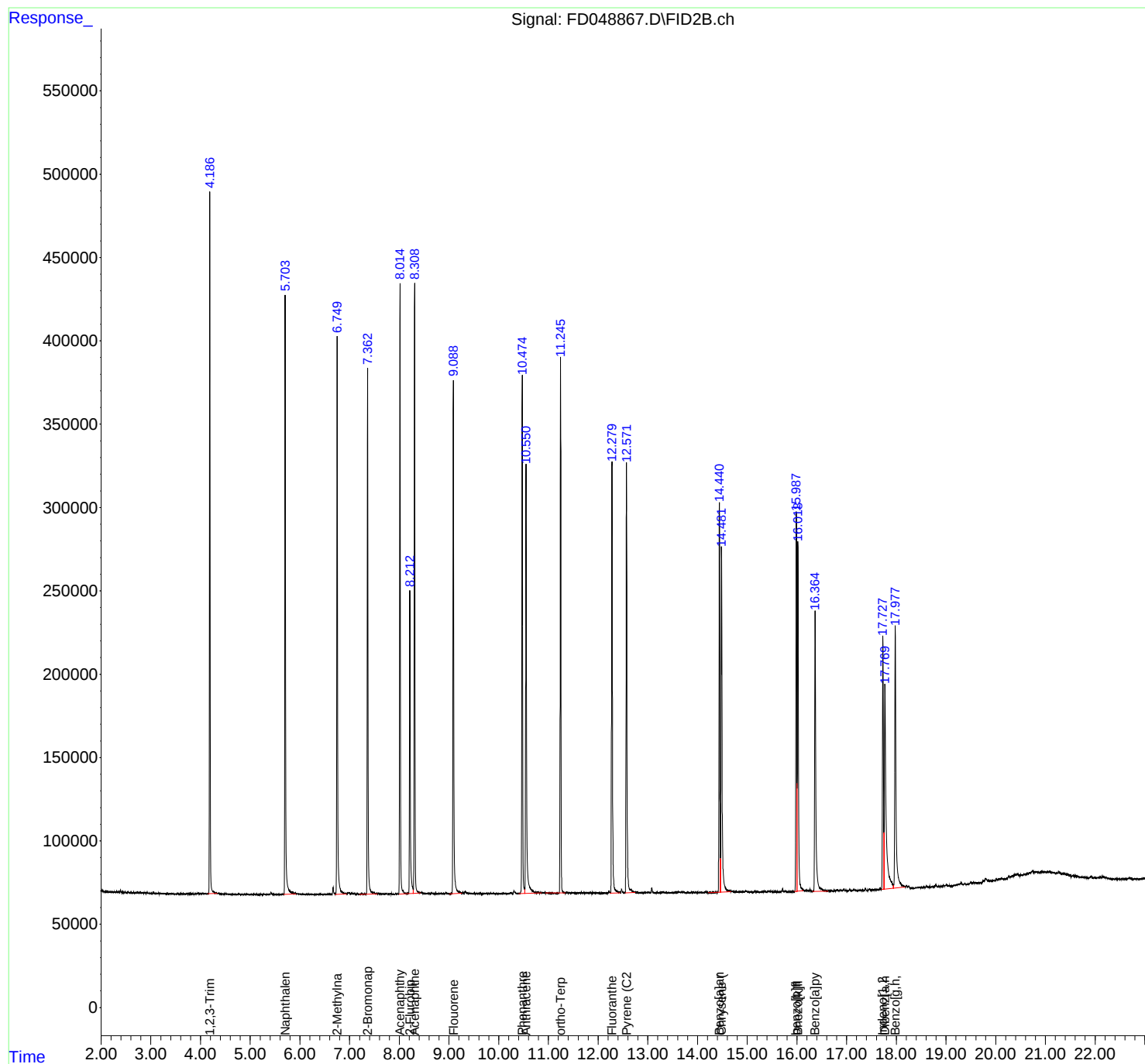
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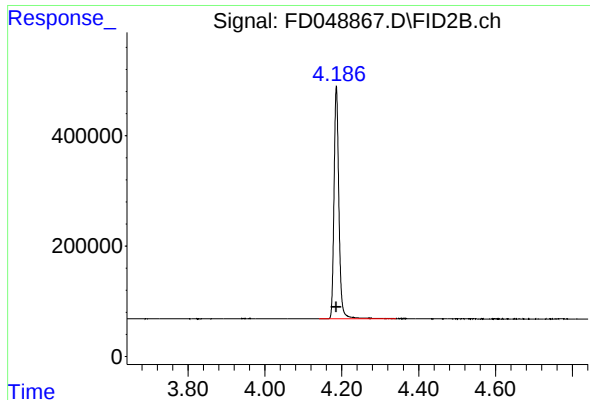
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3701153
Conc: 19.55 ug/ml

Instrument :

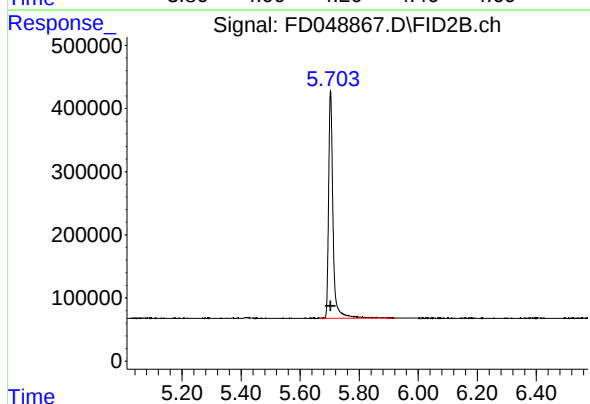
FID_D

ClientSampleId :

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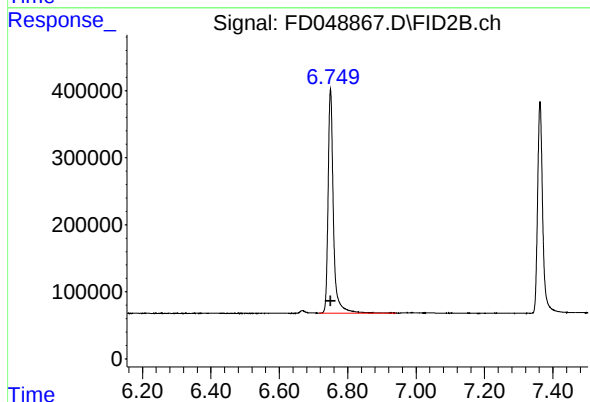
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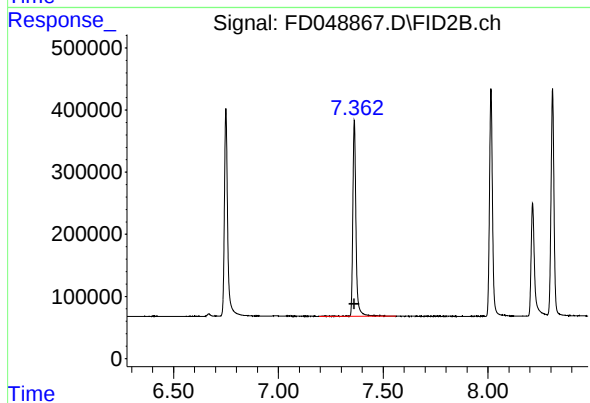
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 3740432
Conc: 19.57 ug/ml



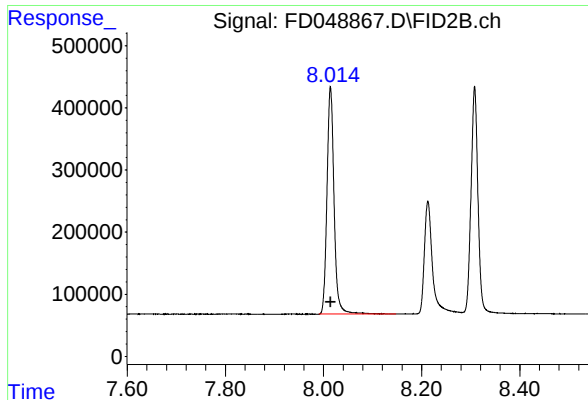
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 3629123
Conc: 19.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3313381
Conc: 19.67 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 3654040
Conc: 19.58 ug/ml

Instrument :

FID_D

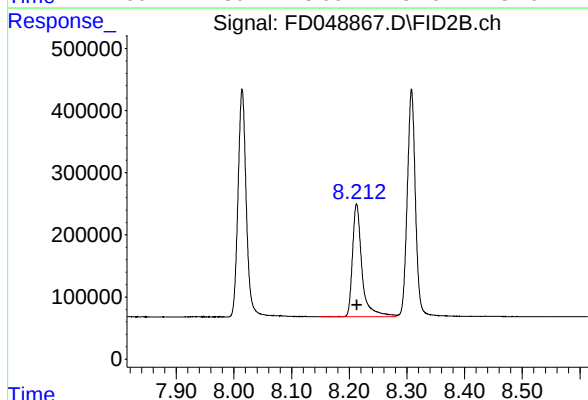
ClientSampleId :

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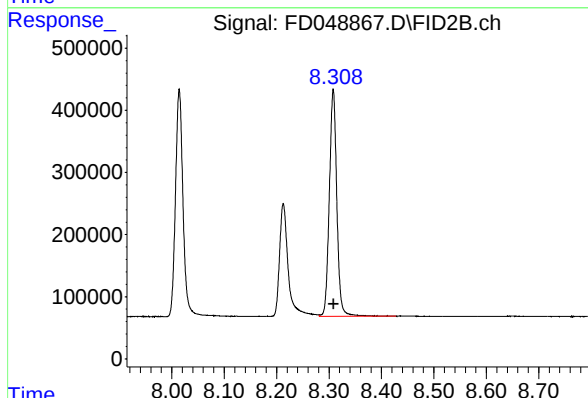
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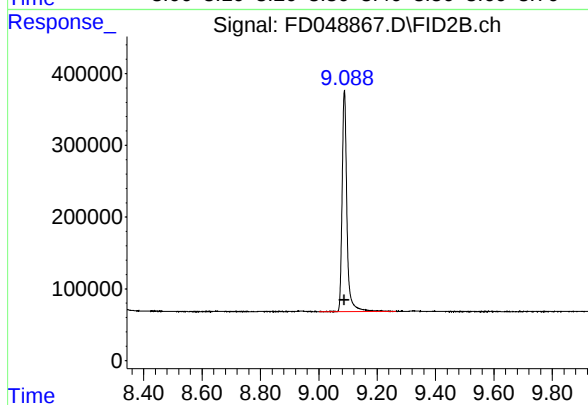
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2069271
Conc: 20.03 ug/ml



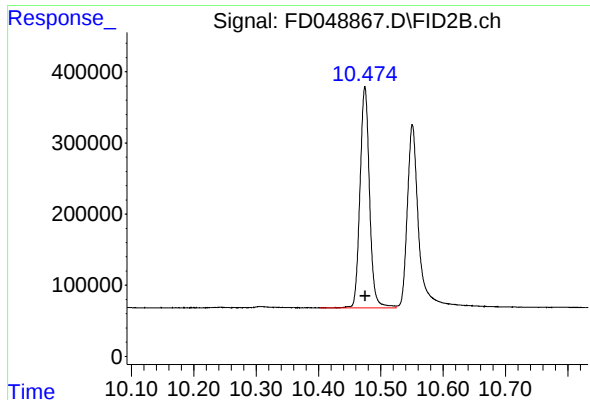
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 3616915
Conc: 19.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 3518743
Conc: 19.69 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 3288341
Conc: 19.69 ug/ml

Instrument :

FID_D

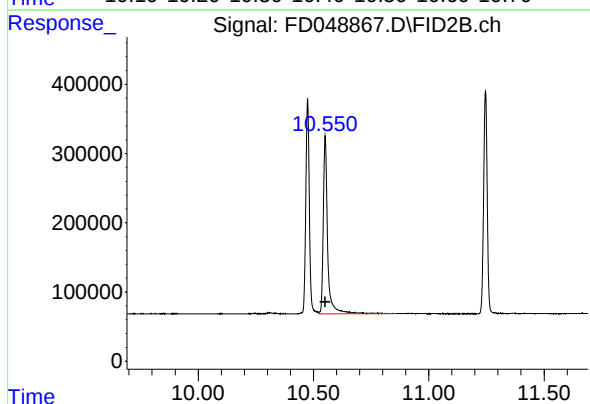
ClientSampleId :

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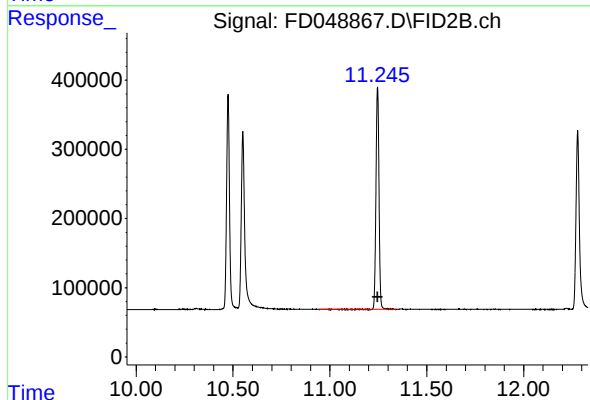
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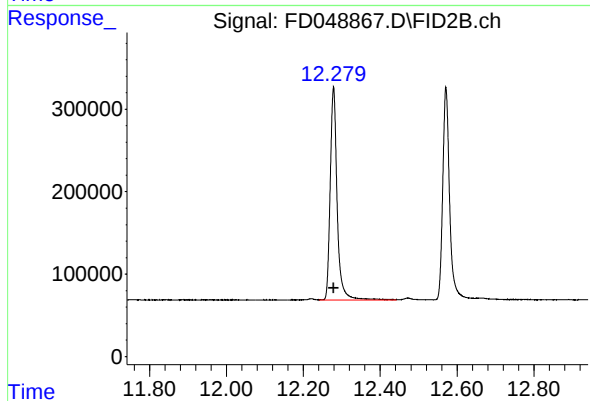
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 3378394
Conc: 19.91 ug/ml



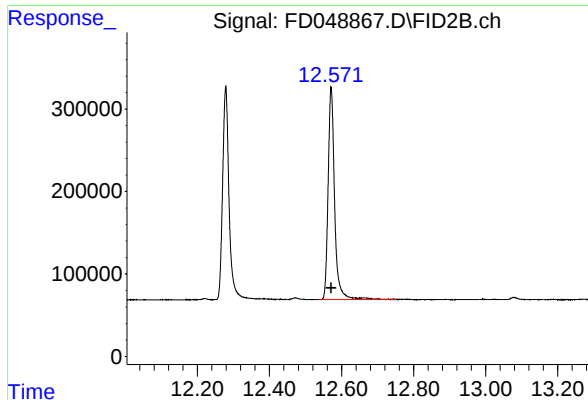
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 3446740
Conc: 19.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 3234389
Conc: 19.76 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 3220981
Conc: 19.80 ug/ml

Instrument :

FID_D

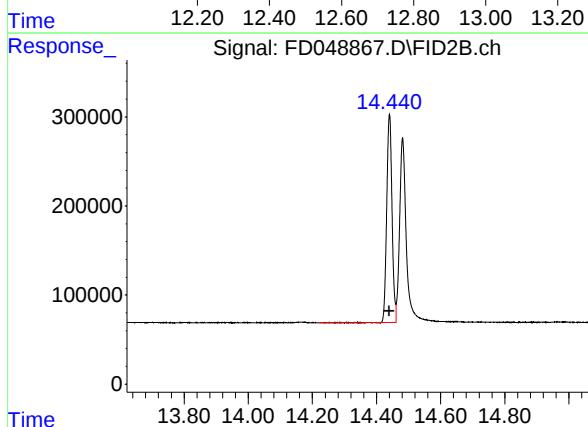
ClientSampleId :

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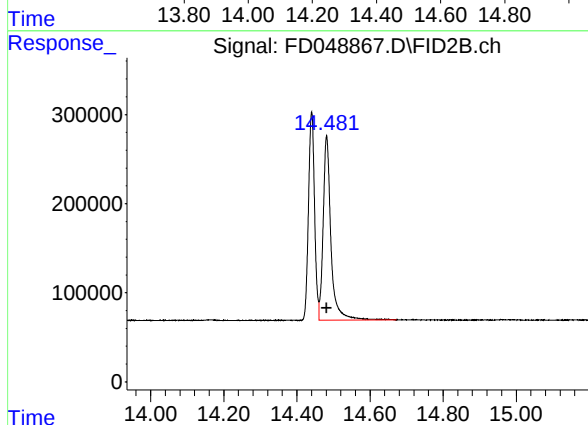
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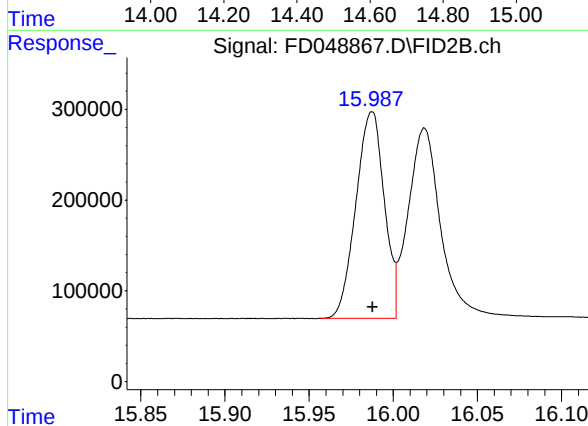
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.000 min
Response: 2679502
Conc: 20.28 ug/ml



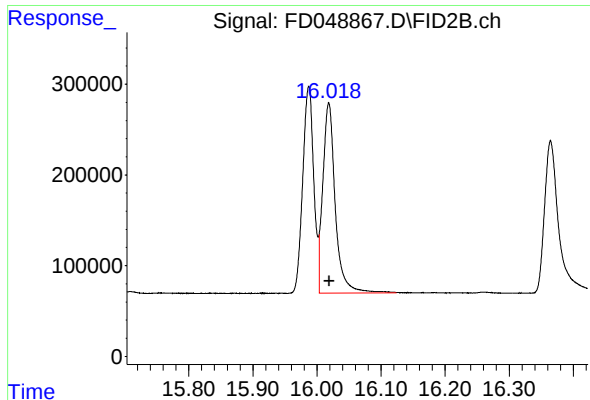
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 3056237
Conc: 18.93 ug/ml



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

R.T.: 15.987 min
Delta R.T.: 0.000 min
Response: 2683723
Conc: 19.93 ug/ml m



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

R.T.: 16.018 min
Delta R.T.: -0.001 min
Response: 2817570
Conc: 18.50 ug/ml

Instrument :

FID_D

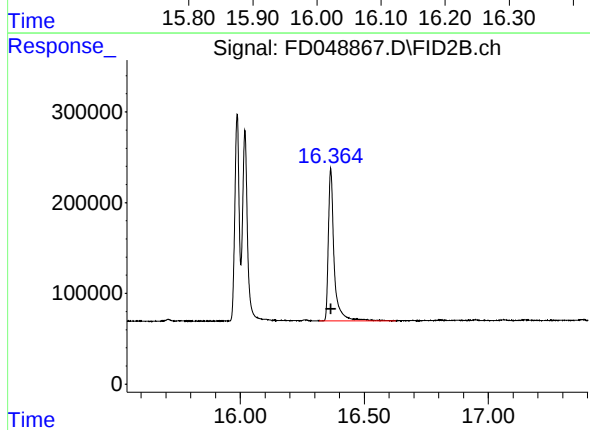
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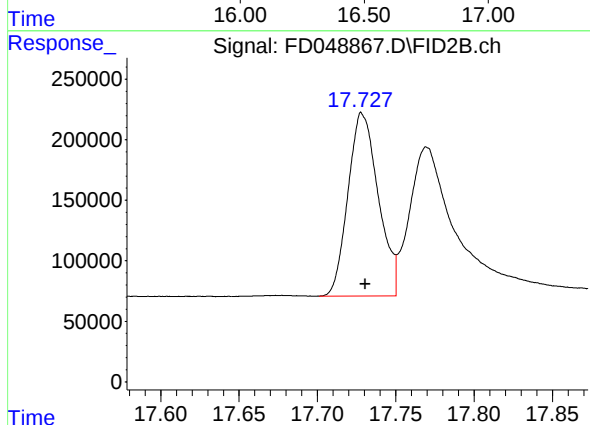
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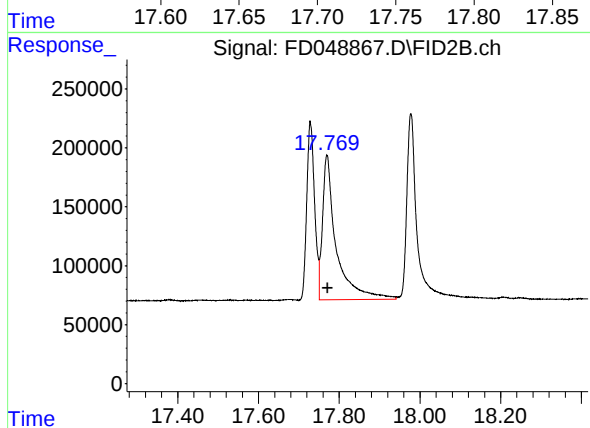
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.001 min
Response: 2721975
Conc: 19.68 ug/ml



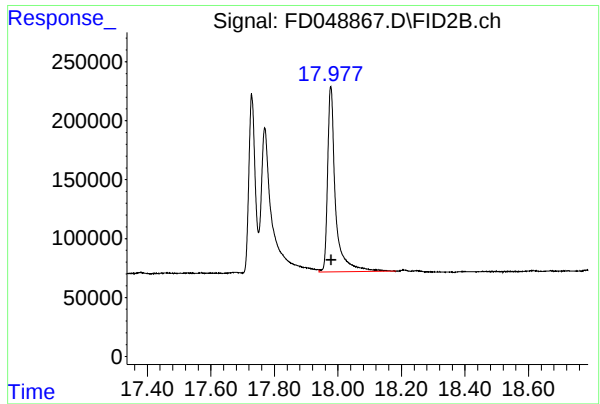
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: -0.001 min
Response: 2035411
Conc: 19.10 ug/ml



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

R.T.: 17.770 min
Delta R.T.: 0.000 min
Response: 2920346
Conc: 20.14 ug/ml



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

R.T.: 17.978 min
Delta R.T.: -0.001 min
Response: 2749325
Conc: 19.61 ug/ml

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