

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043824.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 04:15
 Operator : YP/AJ
 Sample : N4490-09MS 10X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14-B-SP-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 05:43:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 2022
 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...	7.446	638287	3.694 ug/mlm
Spiked Amount 50.000		Recovery =	7.39%
6) S 2-Fluorobiphenyl (SURR)	8.313	176801	1.758 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	3.52%
11) S ortho-Terphenyl (SURR)	11.323	439196	2.099 ug/mlm
Spiked Amount 50.000		Recovery =	4.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.259	225842	1.134 ug/ml
2) T Naphthalene (C11.7)	5.806	259588	1.291 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	124081	0.687 ug/mlm
5) T Acenaphthylene (C15.06)	8.104	355344	1.778 ug/mlm
7) T Acenaphthene (C15.5)	8.391	525767	2.446 ug/mlm
8) T Flouorene (C16.55)	9.177	353961	1.846 ug/mlm
9) T Phenanthrene (C19.36)	10.570	362237	2.014 ug/mlm
10) T Anthracene (C19.43)	10.652	331290	1.703 ug/mlm
12) T Fluoranthene (C21.85)	12.371	585392	3.210 ug/mlm
13) T Pyrene (C20.8)	12.664	670348	3.591 ug/ml
14) T Benzo[a]anthracene (C...	14.535	360487	2.519 ug/ml
15) T Chrysene (C27.41)	14.575	729229	3.778 ug/ml
16) T benzo[b]fluoranthene ...	16.078	423476	2.935 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.113	301594	1.754 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.462	357322	2.461 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	356296	3.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	551159	3.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	415403	3.263 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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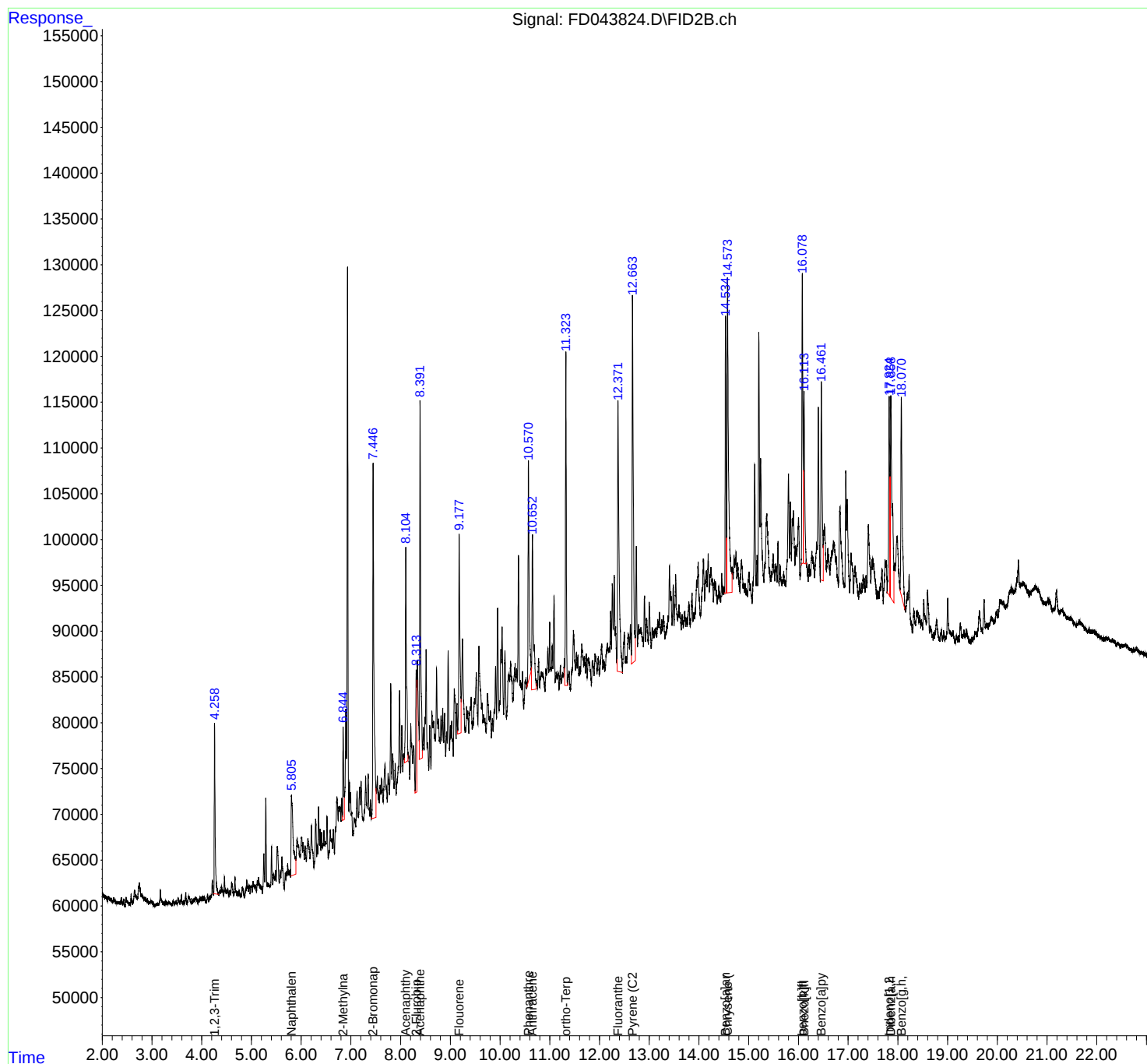
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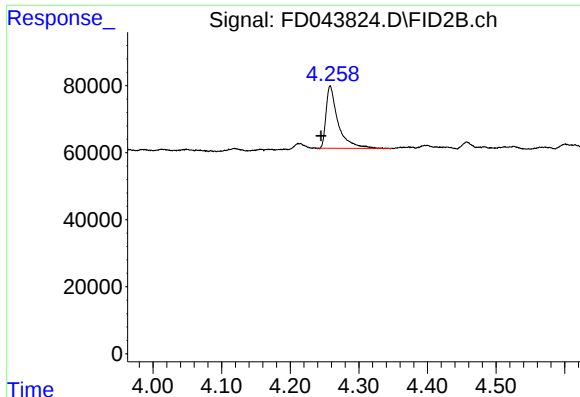
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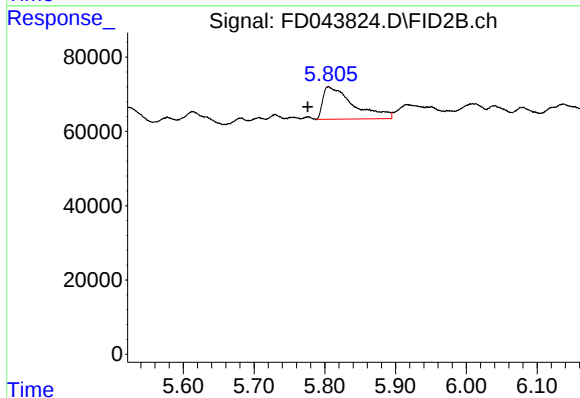
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.259 min
Delta R.T.: 0.014 min
Response: 225842
Conc: 1.13 ug/ml

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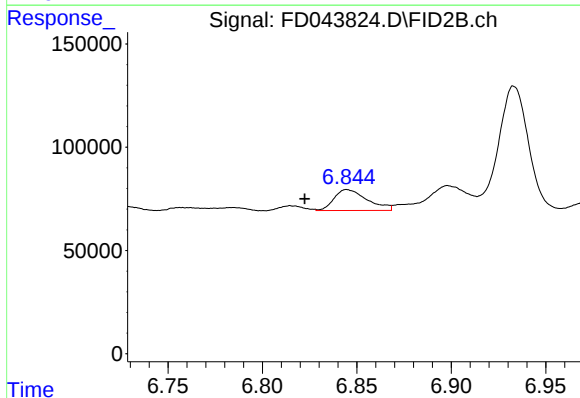
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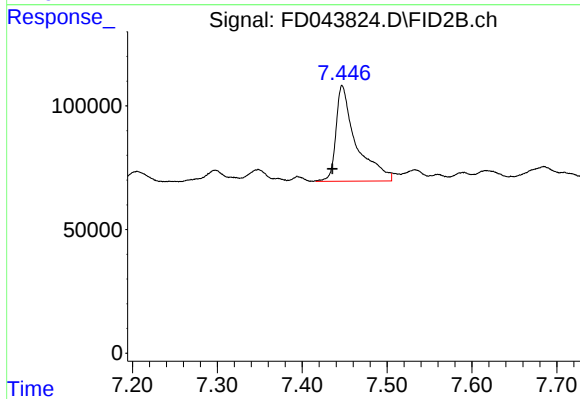
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.030 min
Response: 259588
Conc: 1.29 ug/ml



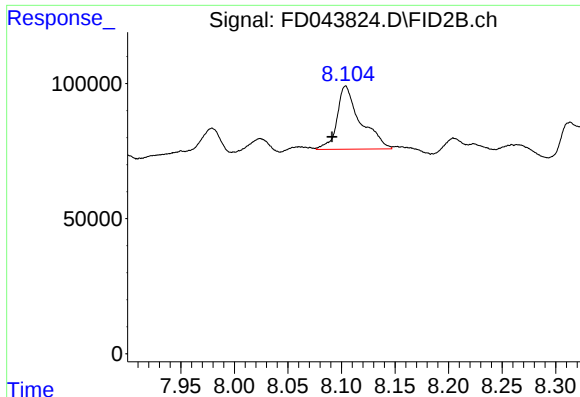
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: 0.022 min
Response: 124081
Conc: 0.69 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.446 min
Delta R.T.: 0.011 min
Response: 638287
Conc: 3.69 ug/ml m



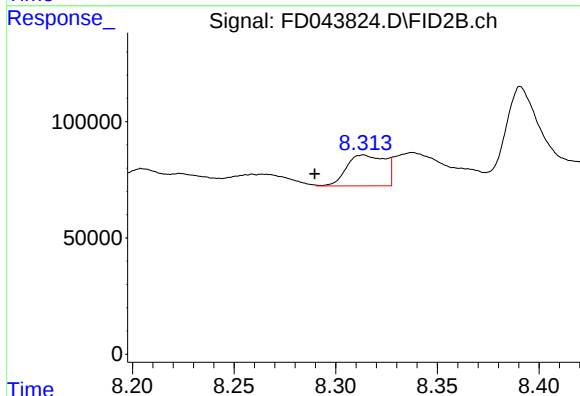
#5 Acenaphthylene (C15.06)

R.T.: 8.104 min
Delta R.T.: 0.013 min
Response: 355344
Conc: 1.78 ug/ml

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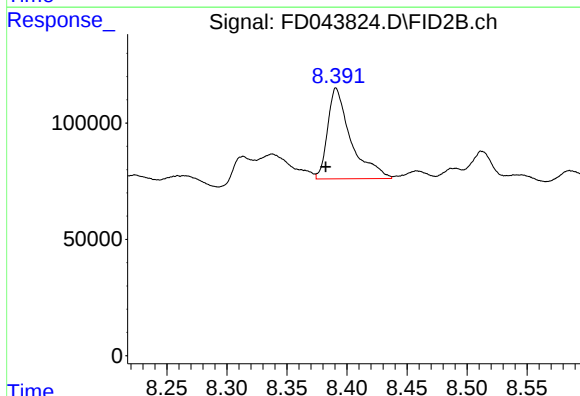
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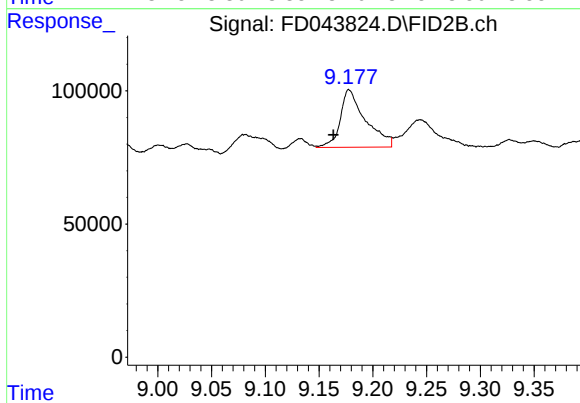
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.024 min
Response: 176801
Conc: 1.76 ug/ml m



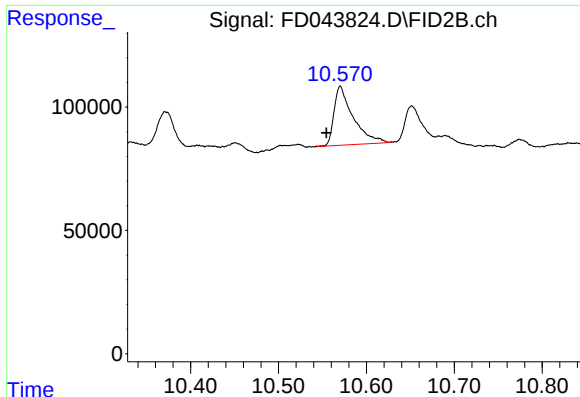
#7 Acenaphthene (C15.5)

R.T.: 8.391 min
Delta R.T.: 0.008 min
Response: 525767
Conc: 2.45 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.177 min
Delta R.T.: 0.014 min
Response: 353961
Conc: 1.85 ug/ml m



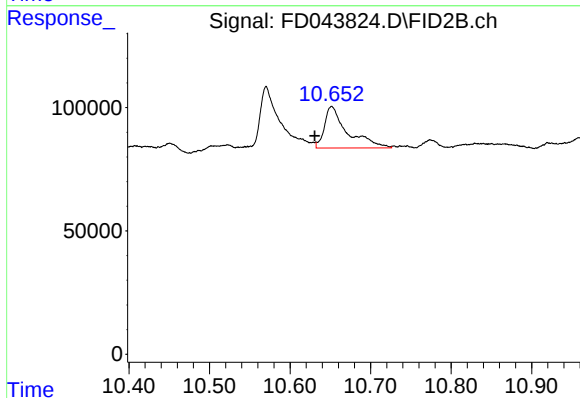
#9 Phenanthrene (C19.36)

R.T.: 10.570 min
Delta R.T.: 0.015 min
Response: 362237
Conc: 2.01 ug/ml

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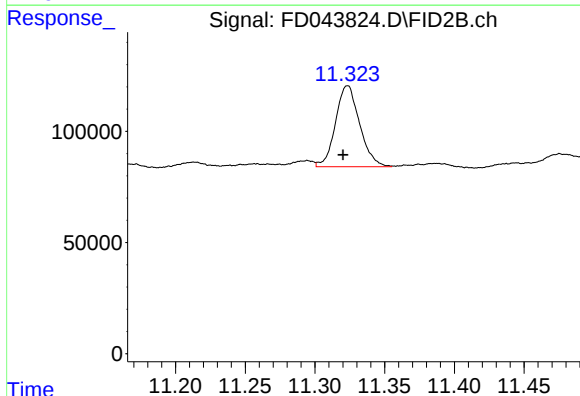
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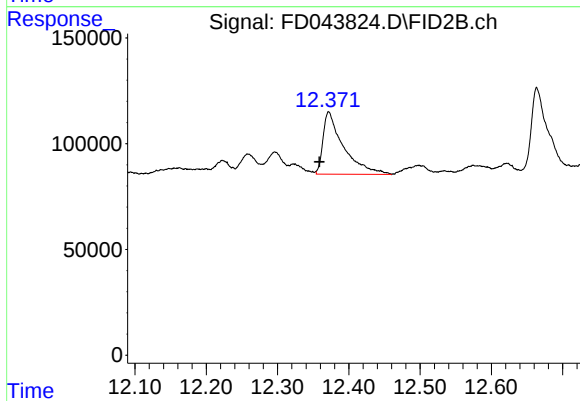
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.021 min
Response: 331290
Conc: 1.70 ug/ml m



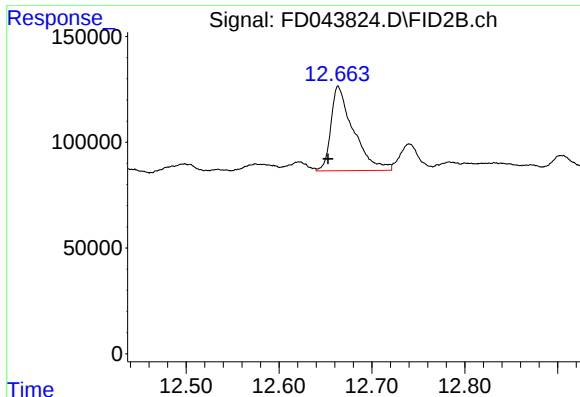
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: 0.003 min
Response: 439196
Conc: 2.10 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.371 min
Delta R.T.: 0.012 min
Response: 585392
Conc: 3.21 ug/ml m



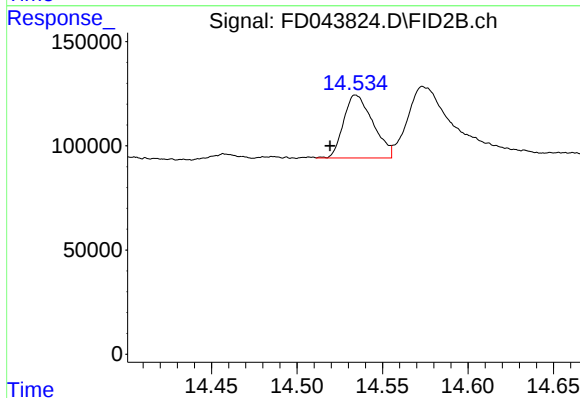
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: 0.012 min
Response: 670348
Conc: 3.59 ug/ml

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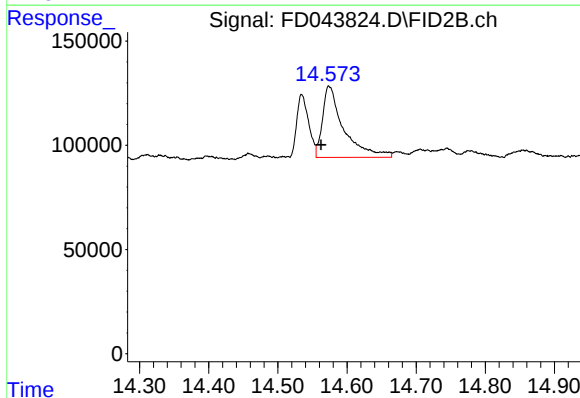
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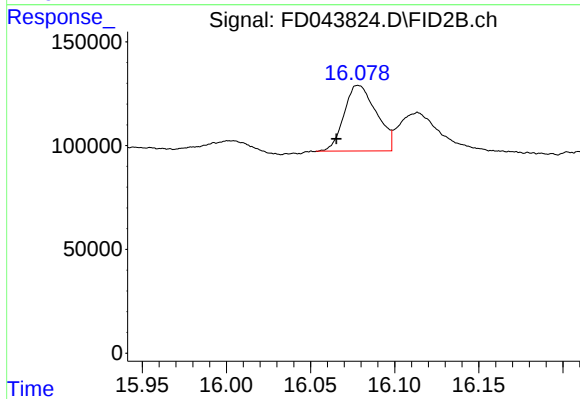
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: 0.016 min
Response: 360487
Conc: 2.52 ug/ml



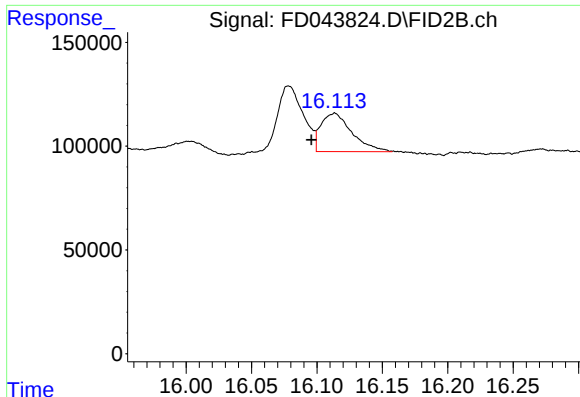
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: 0.012 min
Response: 729229
Conc: 3.78 ug/ml



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

R.T.: 16.078 min
Delta R.T.: 0.013 min
Response: 423476
Conc: 2.93 ug/ml m



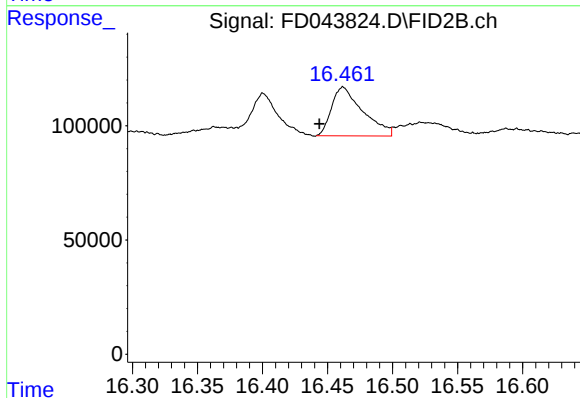
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min
Delta R.T.: 0.017 min
Response: 301594
Conc: 1.75 ug/ml

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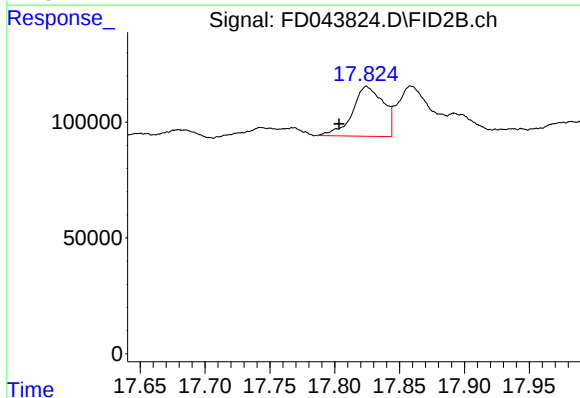
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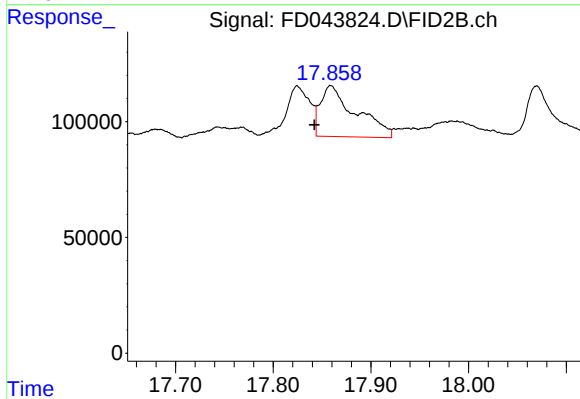
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.018 min
Response: 357322
Conc: 2.46 ug/ml



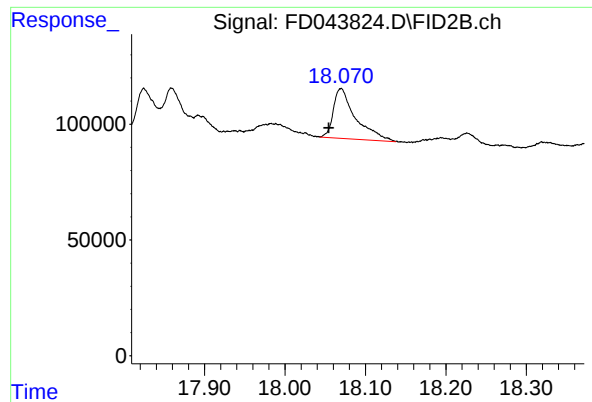
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.022 min
Response: 356296
Conc: 3.45 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.017 min
Response: 551159
Conc: 3.92 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.016 min
Response: 415403
Conc: 3.26 ug/ml

Instrument :

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