

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043825.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 04:59
 Operator : YP/AJ
 Sample : N4490-09MSD 10X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

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

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 06:08:47 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	818372	4.736 ug/ml
Spiked Amount 50.000		Recovery =	9.47%
6) S 2-Fluorobiphenyl (SURR)	8.309	199242	1.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3.96%
11) S ortho-Terphenyl (SURR)	11.323	492002	2.352 ug/mlm
Spiked Amount 50.000		Recovery =	4.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.257	271178	1.362 ug/ml
2) T Naphthalene (C11.7)	5.801	308509	1.535 ug/mlm
3) T 2-Methylnaphthalene (...)	6.840	147837	0.819 ug/mlm
5) T Acenaphthylene (C15.06)	8.101	459523	2.299 ug/mlm
7) T Acenaphthene (C15.5)	8.390	602598	2.803 ug/mlm
8) T Flouorene (C16.55)	9.175	444329	2.318 ug/mlm
9) T Phenanthrene (C19.36)	10.568	510924	2.841 ug/mlm
10) T Anthracene (C19.43)	10.648	292423	1.503 ug/mlm
12) T Fluoranthene (C21.85)	12.369	630354	3.457 ug/mlm
13) T Pyrene (C20.8)	12.662	710673	3.807 ug/ml
14) T Benzo[a]anthracene (C...	14.533	421742	2.948 ug/mlm
15) T Chrysene (C27.41)	14.573	773380	4.007 ug/ml
16) T benzo[b]fluoranthene ...	16.076	474610	3.289 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.110	391135	2.274 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.459	408180	2.811 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	343100	3.318 ug/mlm
20) T Dibenz[a,h]anthracene...	17.856	371001	2.636 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	509279	4.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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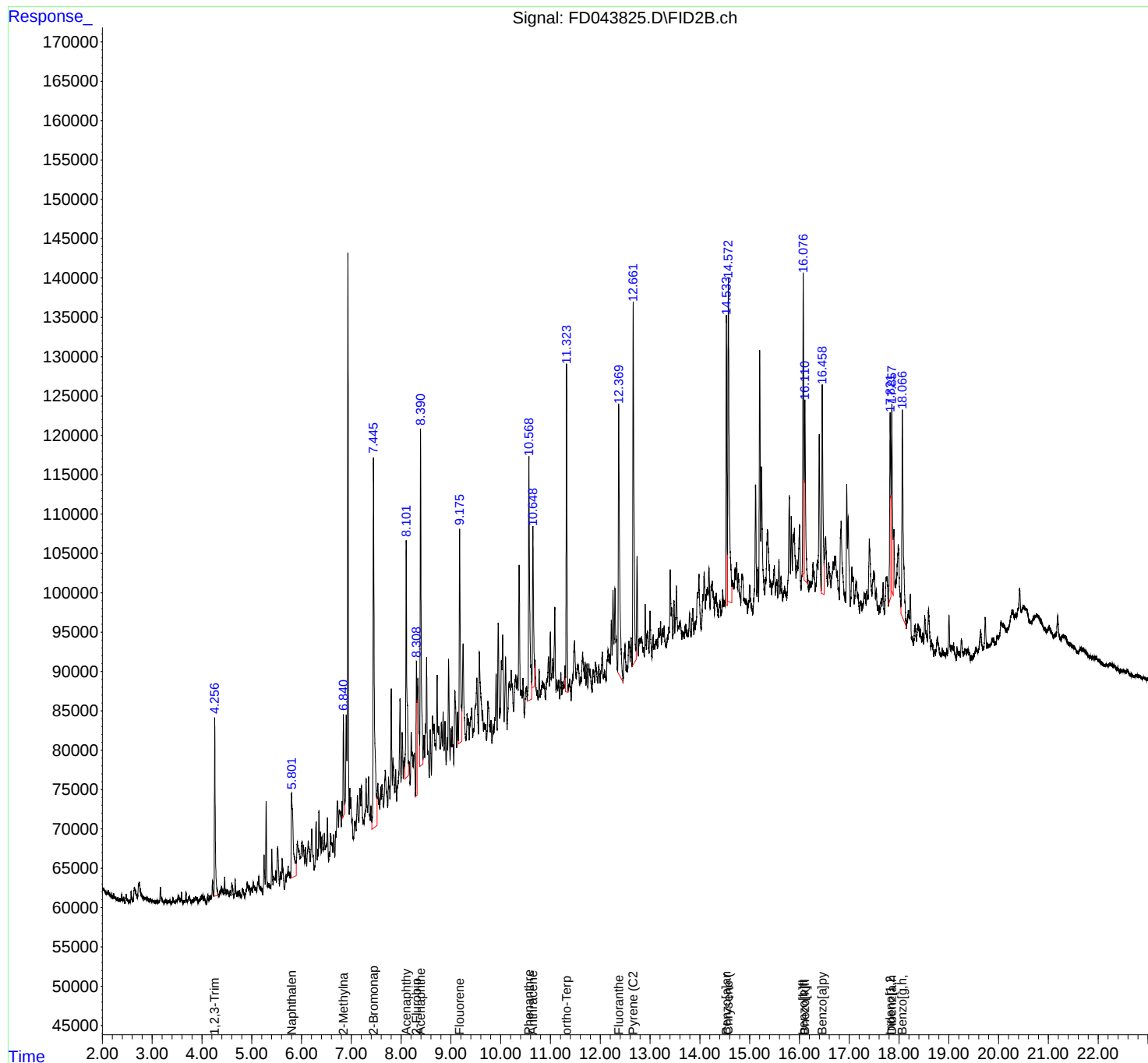
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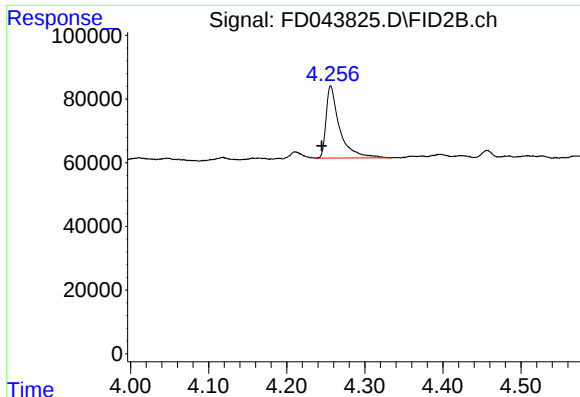
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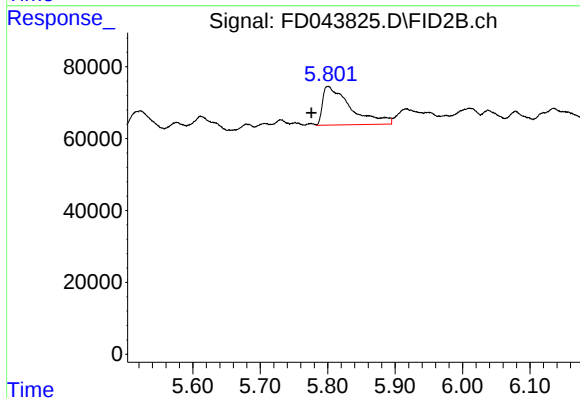
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.257 min
Delta R.T.: 0.012 min
Response: 271178
Conc: 1.36 ug/ml

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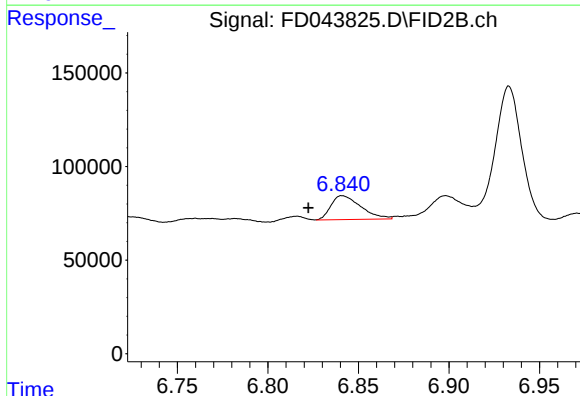
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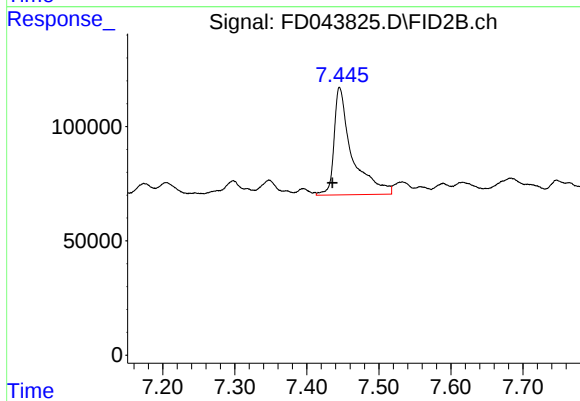
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.025 min
Response: 308509
Conc: 1.53 ug/ml m



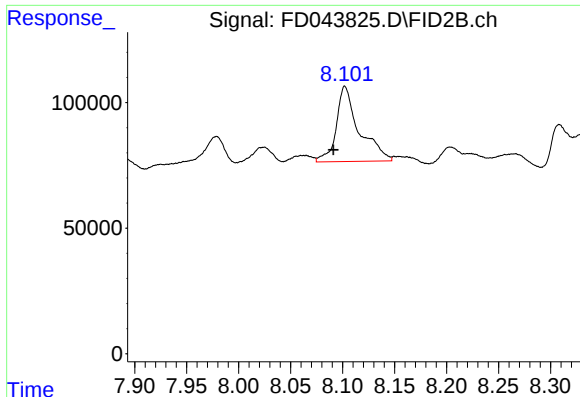
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.840 min
Delta R.T.: 0.018 min
Response: 147837
Conc: 0.82 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.446 min
Delta R.T.: 0.011 min
Response: 818372
Conc: 4.74 ug/ml



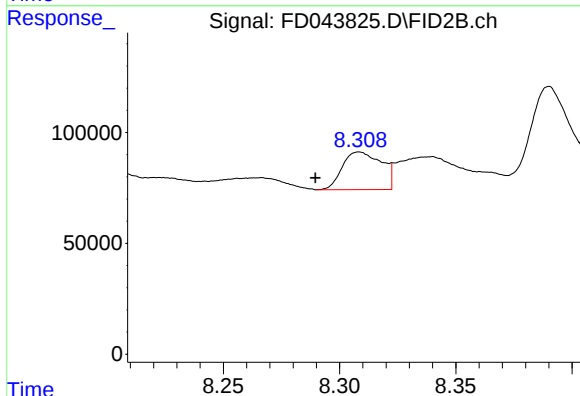
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: 0.010 min
Response: 459523
Conc: 2.30 ug/ml

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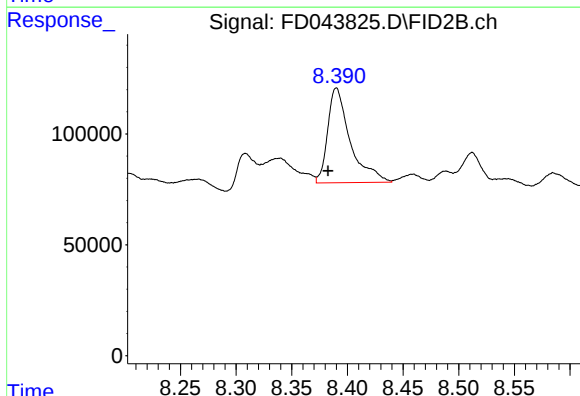
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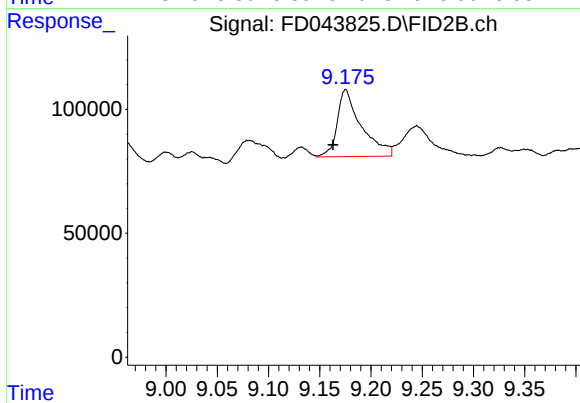
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.309 min
Delta R.T.: 0.019 min
Response: 199242
Conc: 1.98 ug/ml



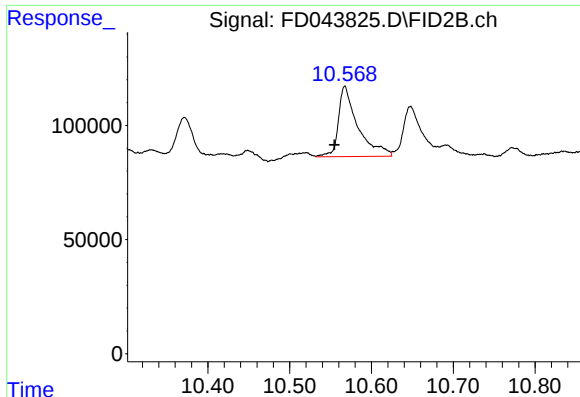
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: 0.008 min
Response: 602598
Conc: 2.80 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.175 min
Delta R.T.: 0.012 min
Response: 444329
Conc: 2.32 ug/ml m



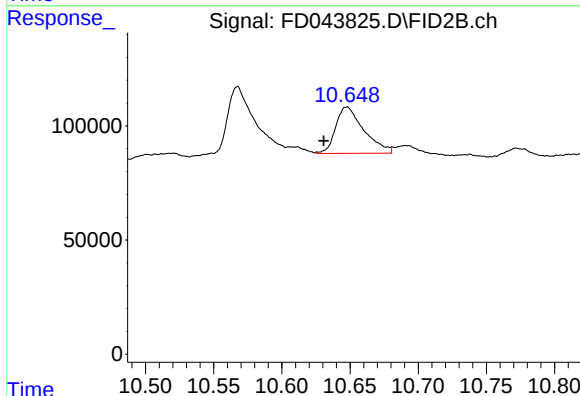
#9 Phenanthrene (C19.36)

R.T.: 10.568 min
Delta R.T.: 0.013 min
Response: 510924
Conc: 2.84 ug/ml

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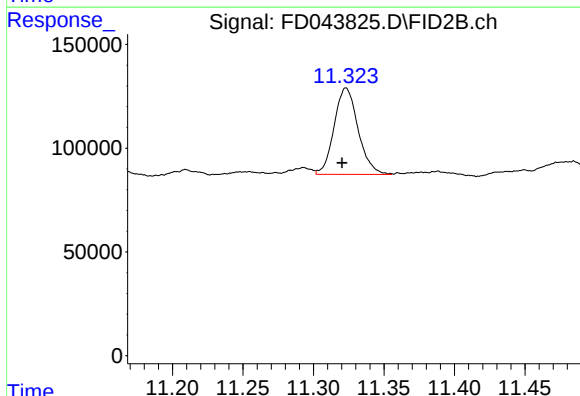
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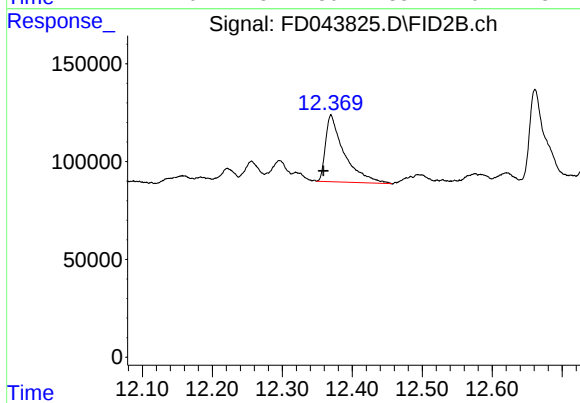
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: 0.017 min
Response: 292423
Conc: 1.50 ug/ml m



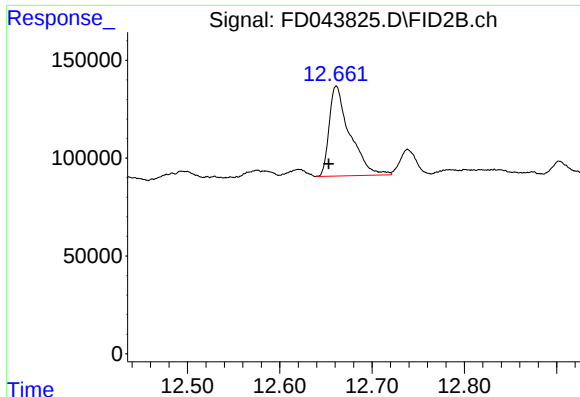
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: 0.003 min
Response: 492002
Conc: 2.35 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: 0.011 min
Response: 630354
Conc: 3.46 ug/ml m



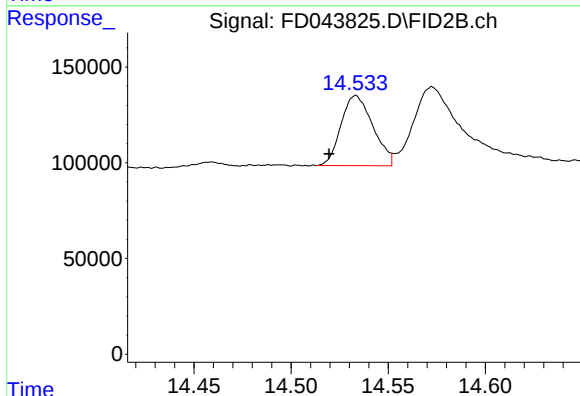
#13 Pyrene (C20.8)

R.T.: 12.662 min
Delta R.T.: 0.009 min
Response: 710673
Conc: 3.81 ug/ml

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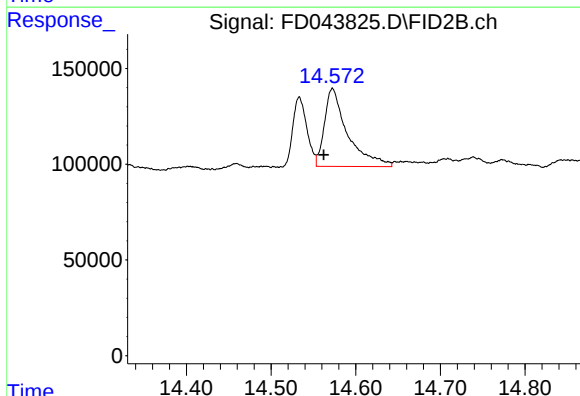
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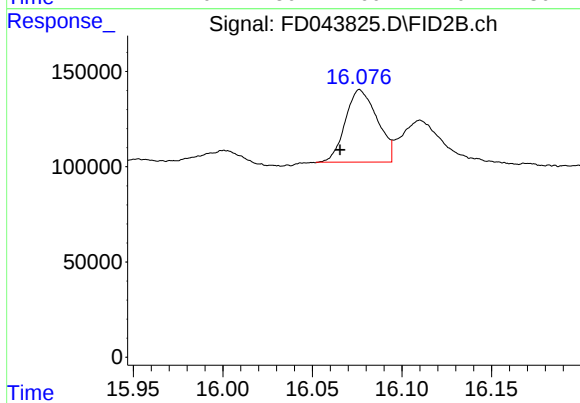
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: 0.014 min
Response: 421742
Conc: 2.95 ug/ml m



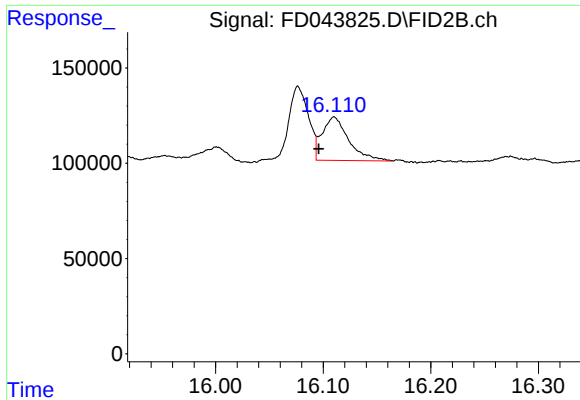
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: 0.010 min
Response: 773380
Conc: 4.01 ug/ml



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

R.T.: 16.076 min
Delta R.T.: 0.011 min
Response: 474610
Conc: 3.29 ug/ml m



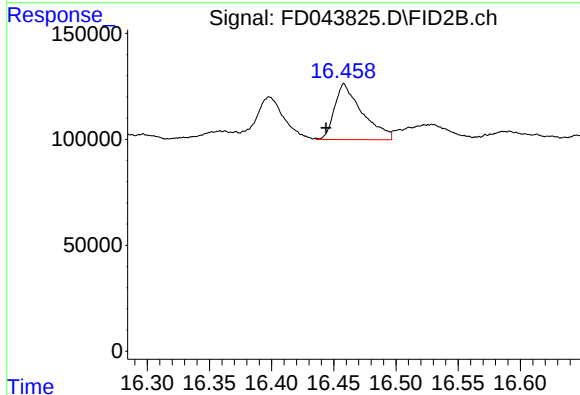
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.110 min
Delta R.T.: 0.014 min
Response: 391135
Conc: 2.27 ug/ml

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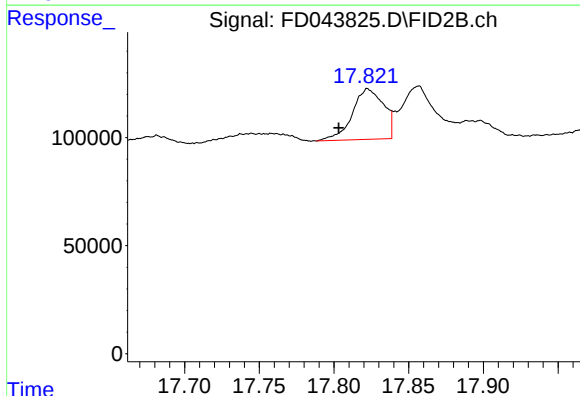
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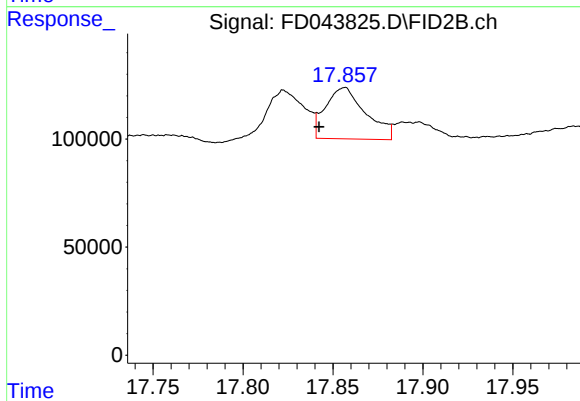
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.015 min
Response: 408180
Conc: 2.81 ug/ml



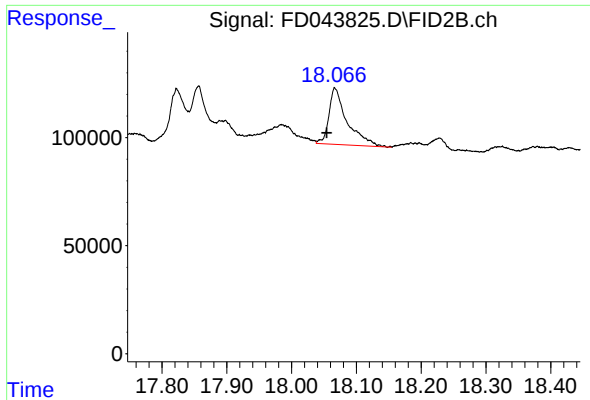
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.018 min
Response: 343100
Conc: 3.32 ug/ml m



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

R.T.: 17.856 min
Delta R.T.: 0.014 min
Response: 371001
Conc: 2.64 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.013 min
Response: 509279
Conc: 4.00 ug/ml

Instrument :

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