

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101822AR\
 Data File : FD044168.D
 Signal(s) : FID2B.ch
 Acq On : 18 Oct 2022 18:14
 Operator : YP/AJ
 Sample : N4955-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: autoint1.e
 Quant Time: Oct 19 05:30:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.416	6378078	51.371 ug/ml
Spiked Amount 50.000		Recovery =	102.74%
6) S 2-Fluorobiphenyl (SURR)	8.270	4034927	53.586 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.17%
11) S ortho-Terphenyl (SURR)	11.303	6657534	39.333 ug/ml
Spiked Amount 50.000		Recovery =	78.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	246782	1.748 ug/ml
2) T Naphthalene (C11.7)	5.775	222052	1.620 ug/mlm
3) T 2-Methylnaphthalene (...)	6.824	163015	1.150 ug/ml
5) T Acenaphthylene (C15.06)	8.081	295842	2.109 ug/mlm
7) T Acenaphthene (C15.5)	8.369	339621	2.184 ug/mlm
8) T Flouorene (C16.55)	9.164	243500	1.731 ug/ml
9) T Phenanthrene (C19.36)	10.557	234292	1.740 ug/ml
10) T Anthracene (C19.43)	10.638	186820	1.390 ug/mlm
12) T Fluoranthene (C21.85)	12.358	258030	1.932 ug/ml
13) T Pyrene (C20.8)	12.648	256710	2.032 ug/mlm
14) T Benzo[a]anthracene (C...	14.530	147171	1.386 ug/ml
15) T Chrysene (C27.41)	14.563	357543	2.727 ug/ml
16) T benzo[b]fluoranthene ...	16.069	202050	1.800 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	320362	2.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	153030	1.317 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.825	202865	1.903 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	291327	2.355 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.064	238476	2.031 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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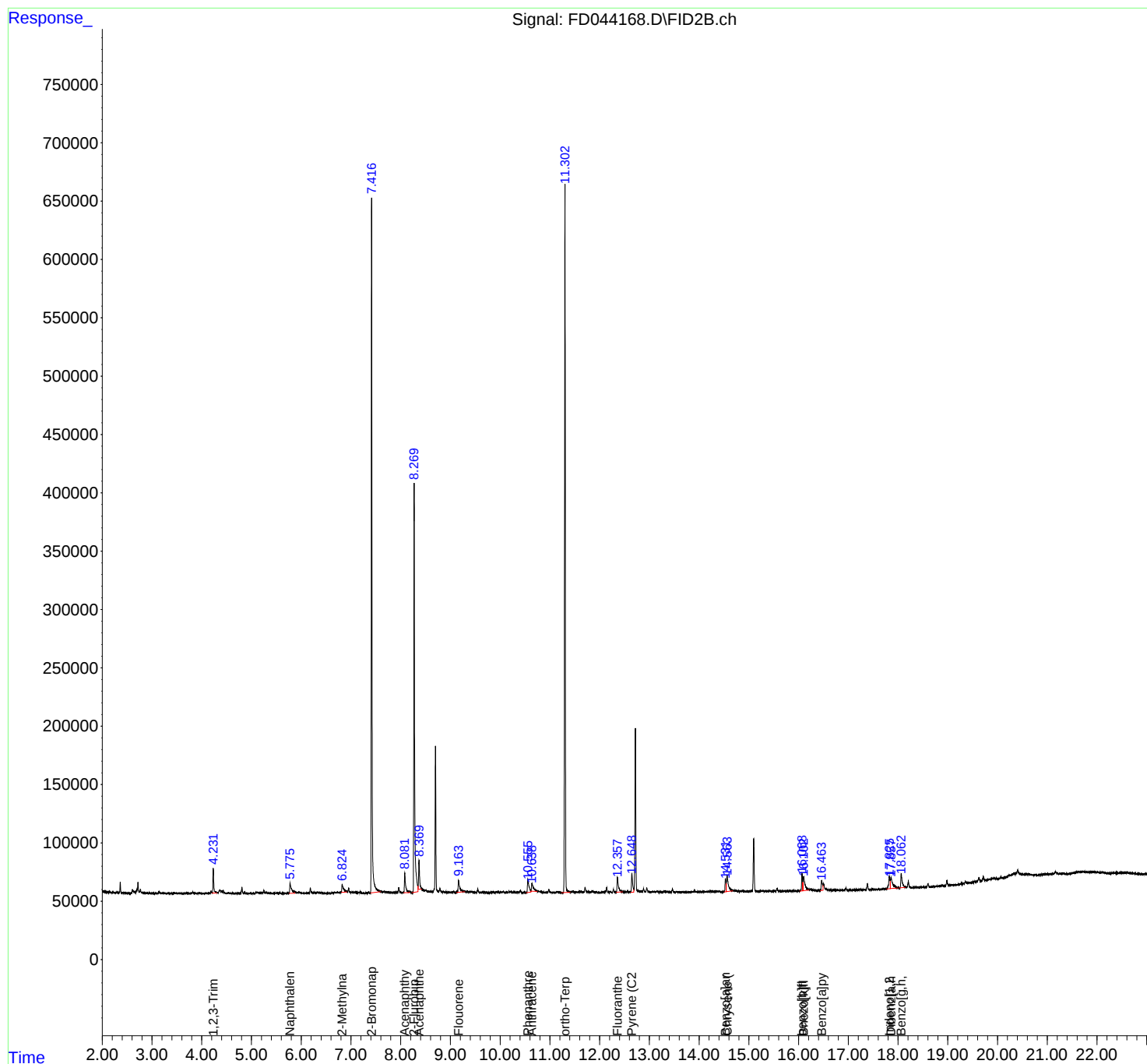
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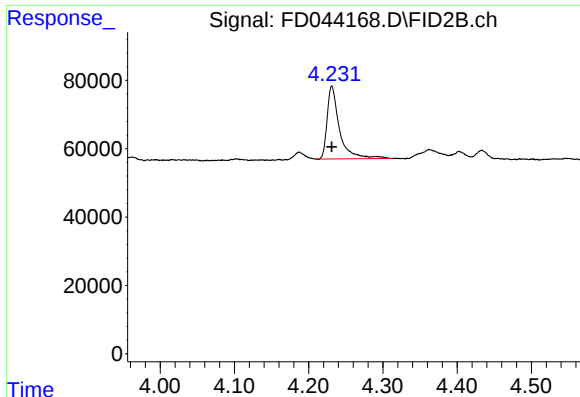
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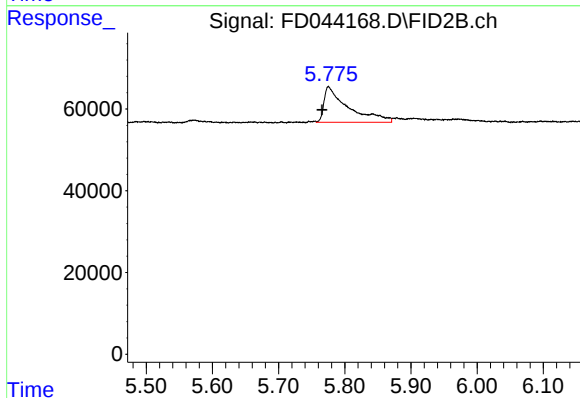
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min
Delta R.T.: 0.000 min
Response: 246782
Conc: 1.75 ug/ml

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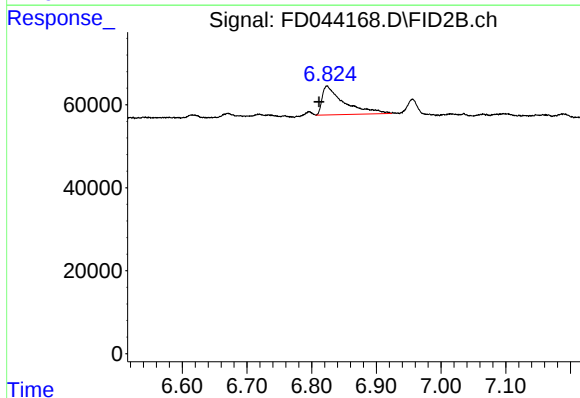
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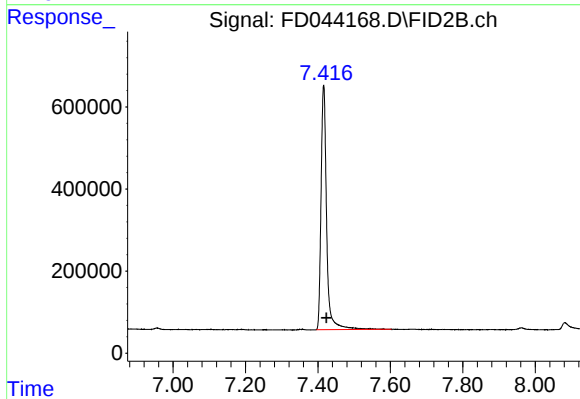
#2 Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: 0.010 min
Response: 222052
Conc: 1.62 ug/ml m



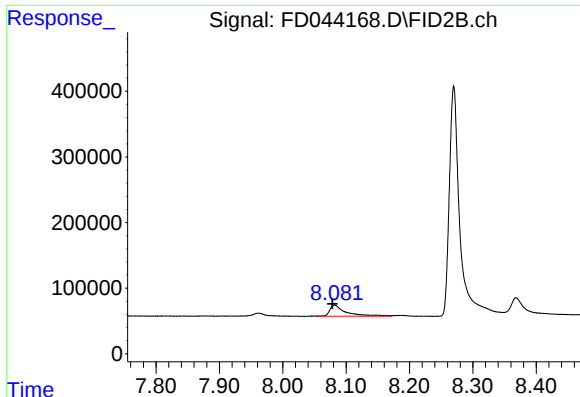
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: 0.013 min
Response: 163015
Conc: 1.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.416 min
Delta R.T.: -0.008 min
Response: 6378078
Conc: 51.37 ug/ml



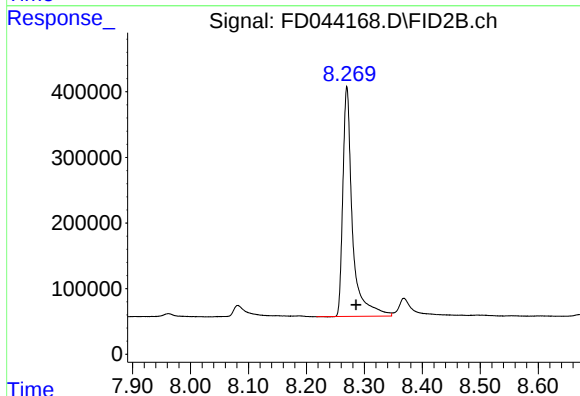
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: 0.003 min
Response: 295842
Conc: 2.11 ug/ml

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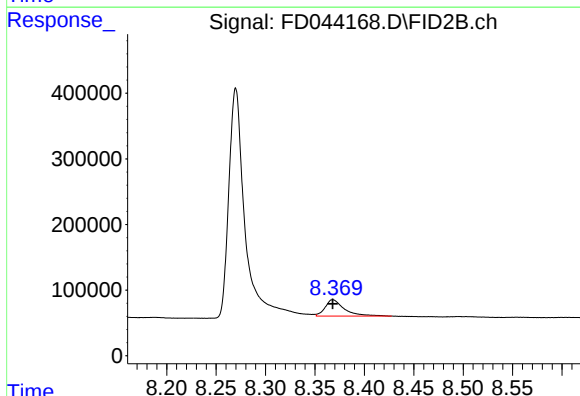
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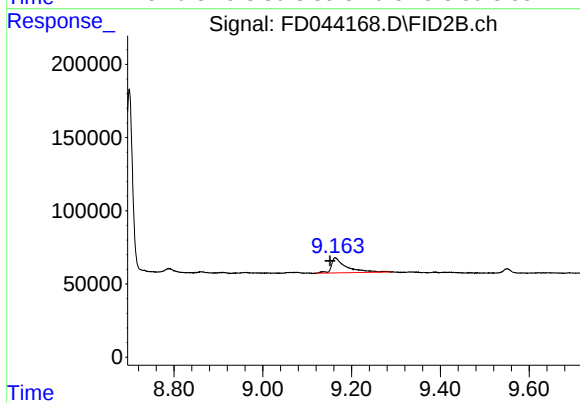
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 4034927
Conc: 53.59 ug/ml



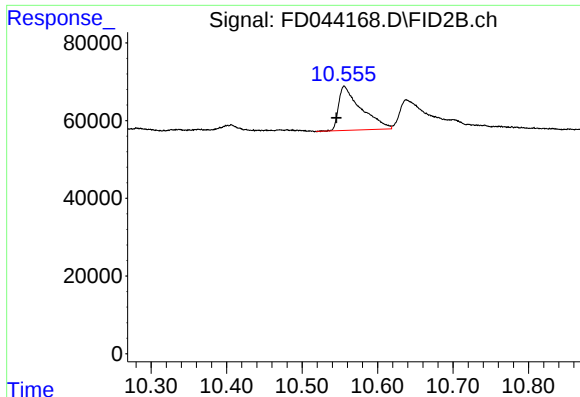
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 339621
Conc: 2.18 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.164 min
Delta R.T.: 0.012 min
Response: 243500
Conc: 1.73 ug/ml



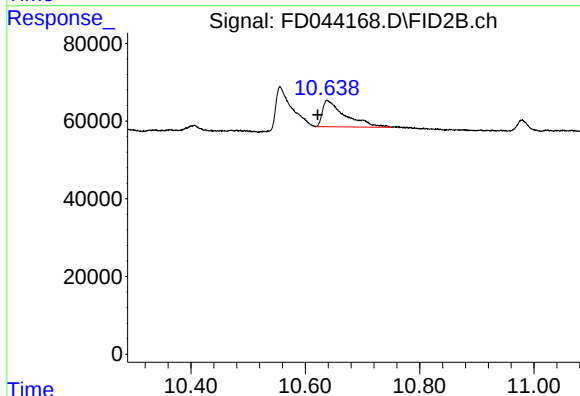
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: 0.011 min
Response: 234292
Conc: 1.74 ug/ml

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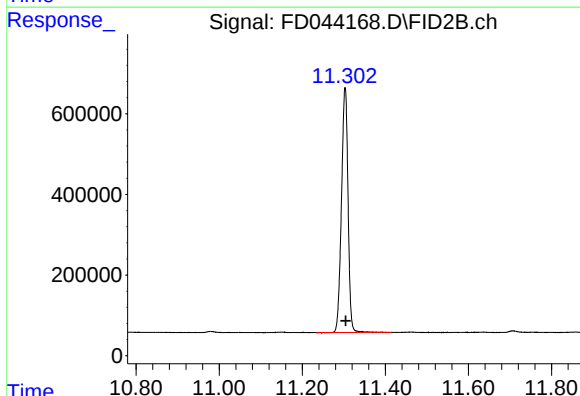
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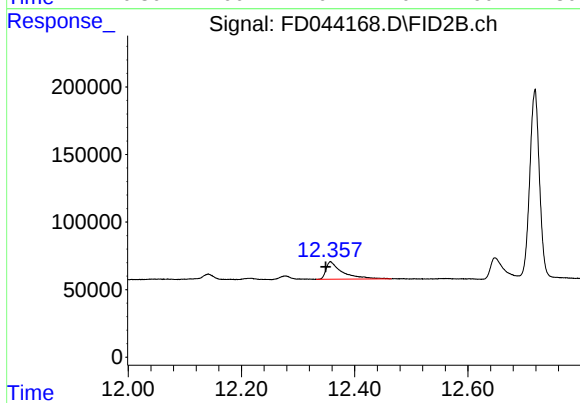
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: 0.016 min
Response: 186820
Conc: 1.39 ug/ml m



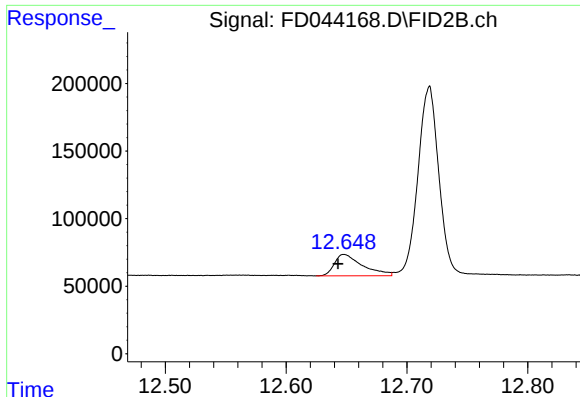
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.001 min
Response: 6657534
Conc: 39.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.358 min
Delta R.T.: 0.009 min
Response: 258030
Conc: 1.93 ug/ml



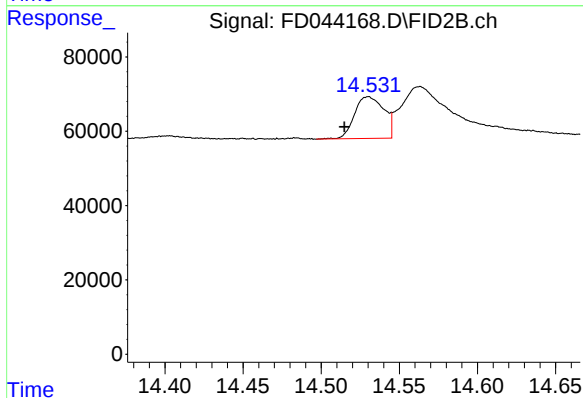
#13 Pyrene (C20.8)

R.T.: 12.648 min
Delta R.T.: 0.005 min
Response: 256710
Conc: 2.03 ug/ml

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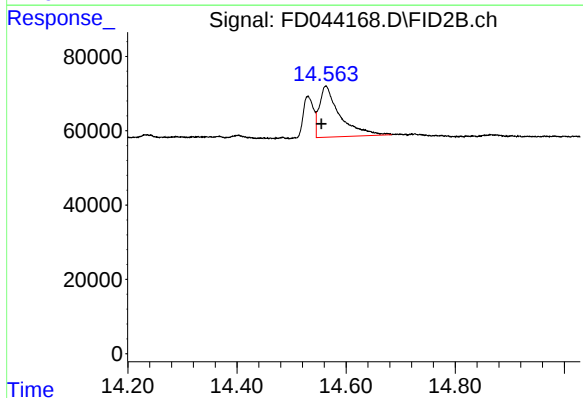
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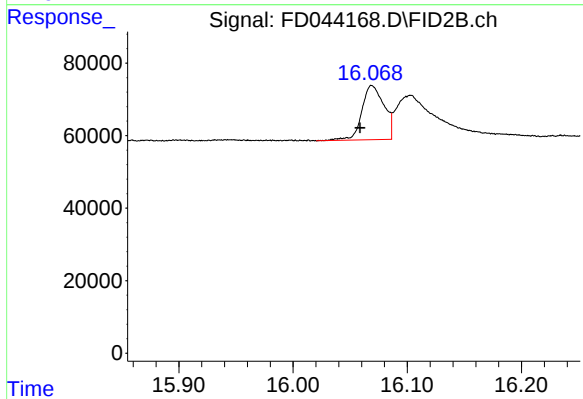
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.530 min
Delta R.T.: 0.015 min
Response: 147171
Conc: 1.39 ug/ml



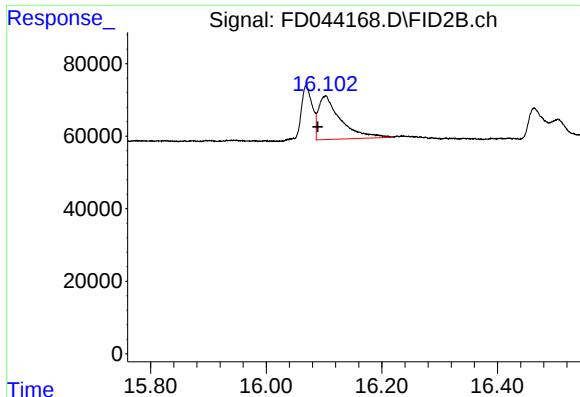
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.008 min
Response: 357543
Conc: 2.73 ug/ml



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

R.T.: 16.069 min
Delta R.T.: 0.011 min
Response: 202050
Conc: 1.80 ug/ml



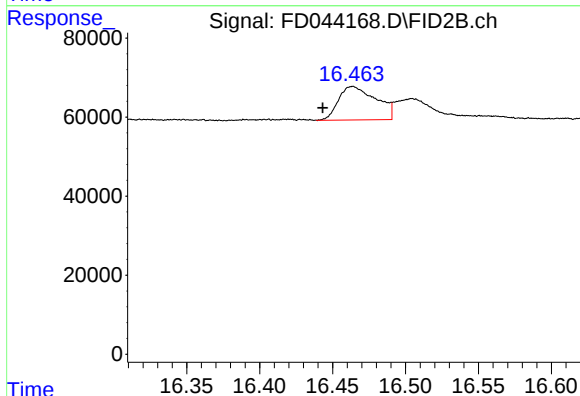
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: 0.013 min
Response: 320362
Conc: 2.52 ug/ml

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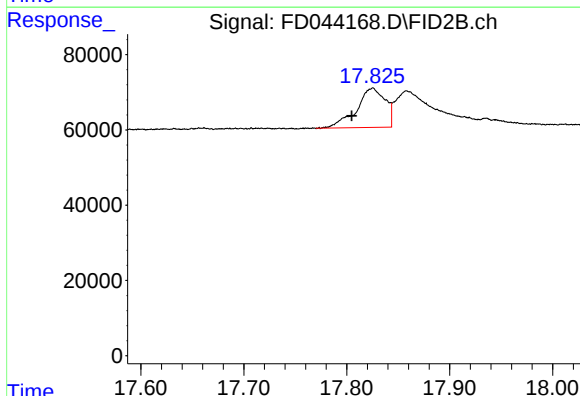
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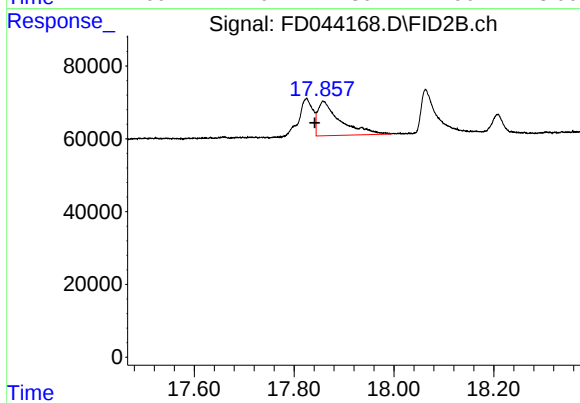
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.020 min
Response: 153030
Conc: 1.32 ug/ml m



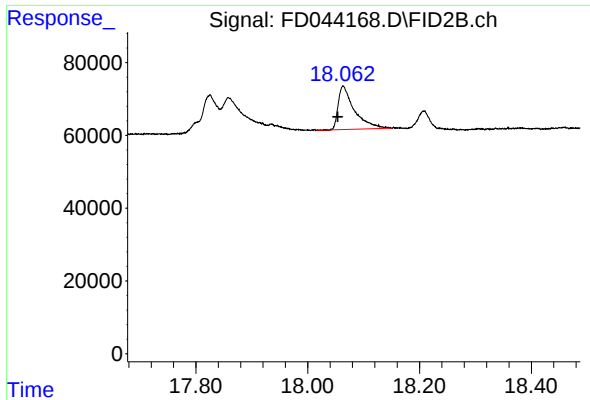
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.020 min
Response: 202865
Conc: 1.90 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.015 min
Response: 291327
Conc: 2.35 ug/ml m



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

R.T.: 18.064 min
Delta R.T.: 0.010 min
Response: 238476
Conc: 2.03 ug/ml

Instrument :

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