

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101624AR\
 Data File : FF014699.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2024 09:37
 Operator : YP\AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e
 Quant Time: Oct 17 01:39:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 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...	7.856	7356717	68.610 ug/ml
Spiked Amount 50.000		Recovery =	137.22%
6) S 2-Fluorobiphenyl (SURR)	8.726	4054996	65.626 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.25%#
11) S ortho-Terphenyl (SURR)	11.788	7289968	53.248 ug/ml
Spiked Amount 50.000		Recovery =	106.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	277310	2.109 ug/ml
2) T Naphthalene (C11.7)	6.141	282654	2.198 ug/mlm
3) T 2-Methylnaphthalene (...)	7.239	310376	2.465 ug/mlm
5) T Acenaphthylene (C15.06)	8.530	330350	2.556 ug/ml
7) T Acenaphthene (C15.5)	8.824	601792	4.412 ug/ml
8) T Fluorene (C16.55)	9.624	291427	2.440 ug/ml
9) T Phenanthrene (C19.36)	11.029	250018	2.171 ug/ml
10) T Anthracene (C19.43)	11.109	286270	2.422 ug/ml
12) T Fluoranthene (C21.85)	12.843	313530	2.563 ug/ml
13) T Pyrene (C20.8)	13.135	305962	2.465 ug/mlm
14) T Benzo[a]anthracene (C...	15.038	104716	1.187 ug/mlm
15) T Chrysene (C27.41)	15.077	459483	3.198 ug/ml
16) T benzo[b]fluoranthene ...	16.590	153578	1.589 ug/ml
17) T Bnezo[k]fluoranthene ...	16.626	210042	1.546 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.984	142431	1.299 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.373	128008	1.997 ug/mlm
20) T Dibenz[a,h]anthracene...	18.447	83509	0.792 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.593	180826	1.488 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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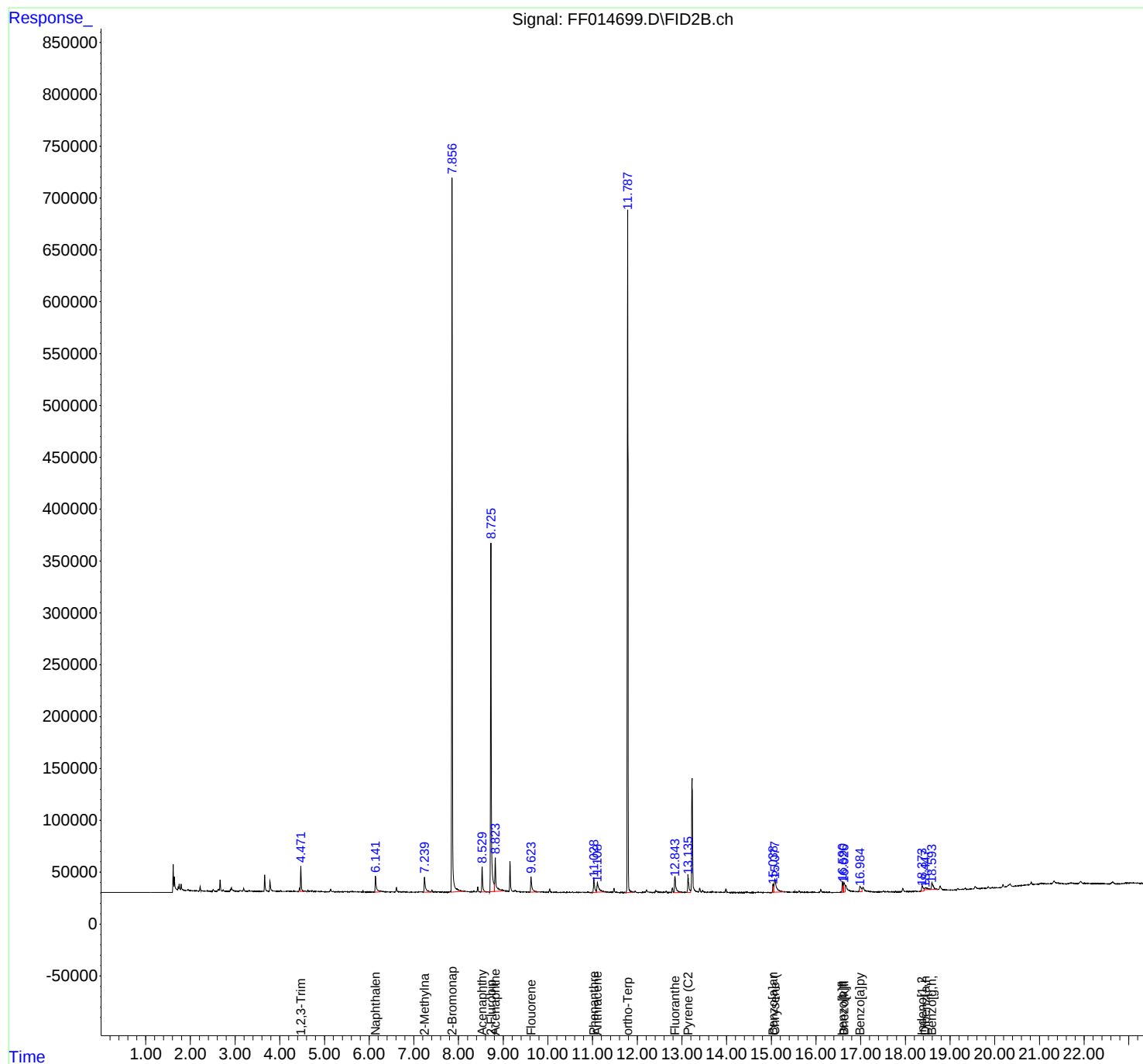
Instrument :
FID_F
Client Sample Id :
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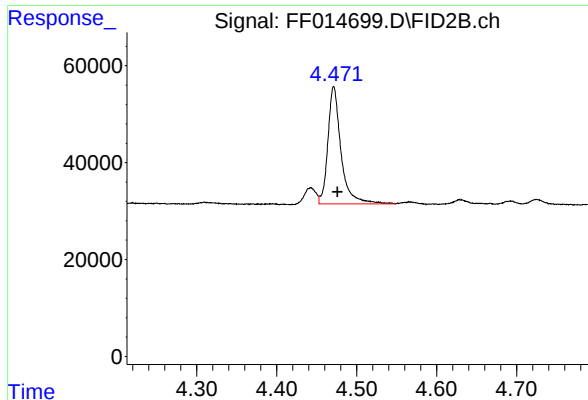
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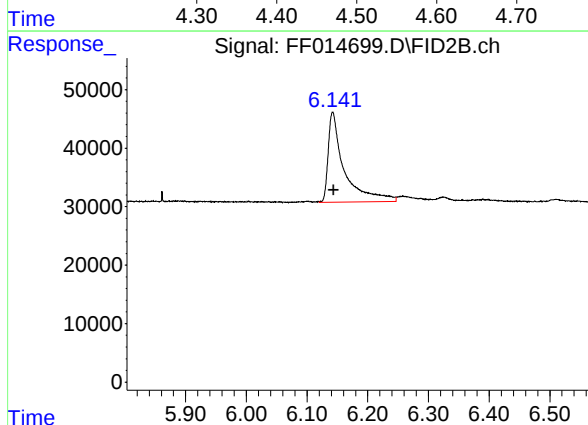
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 277310
Conc: 2.11 ug/ml

Instrument : FID_F
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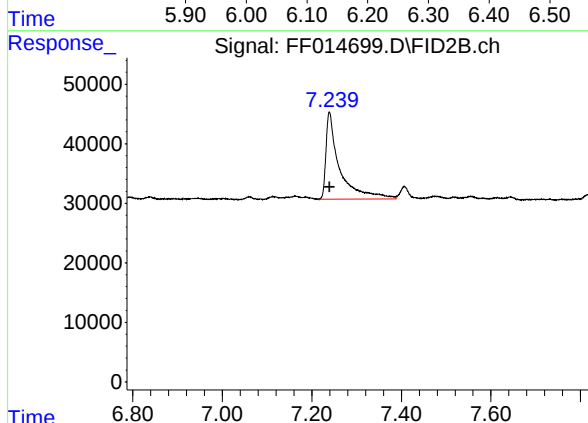
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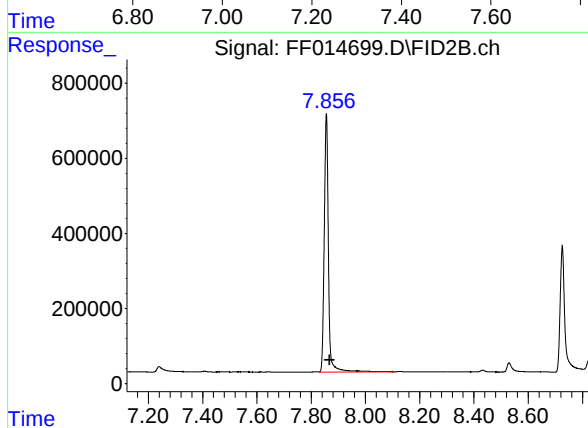
#2 Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 282654
Conc: 2.20 ug/ml m



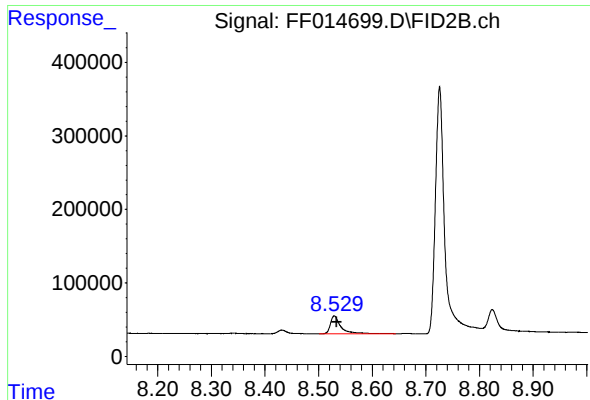
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 310376
Conc: 2.46 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.013 min
Response: 7356717
Conc: 68.61 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.530 min
Delta R.T.: -0.004 min
Response: 330350
Conc: 2.56 ug/ml

Instrument :

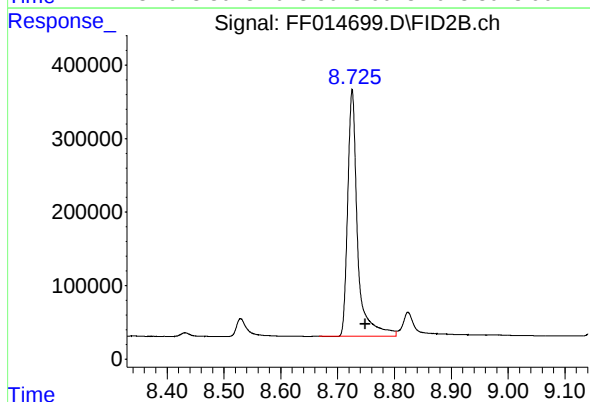
FID_F

ClientSampleId :

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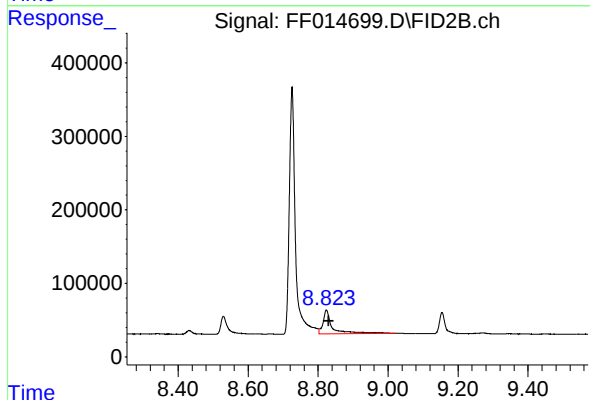
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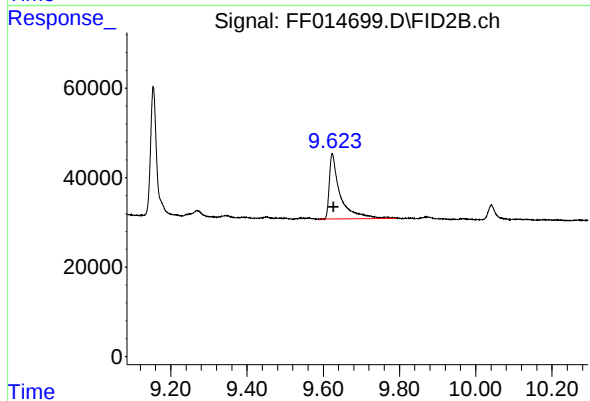
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.726 min
Delta R.T.: -0.023 min
Response: 4054996
Conc: 65.63 ug/ml



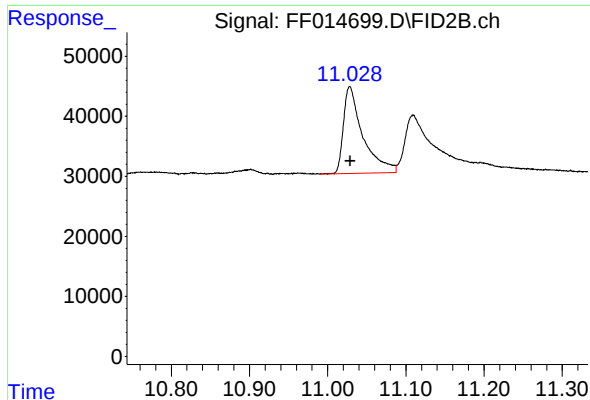
#7 Acenaphthene (C15.5)

R.T.: 8.824 min
Delta R.T.: -0.006 min
Response: 601792
Conc: 4.41 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 291427
Conc: 2.44 ug/ml



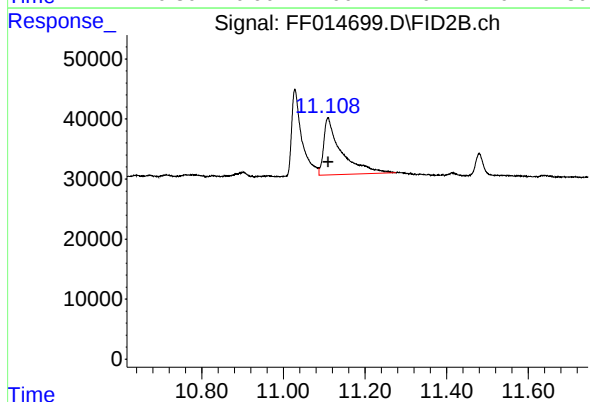
#9 Phenanthrene (C19.36)

R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 250018
Conc: 2.17 ug/ml

Instrument :
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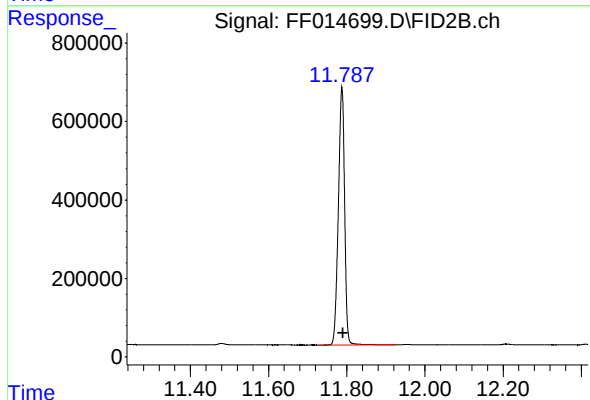
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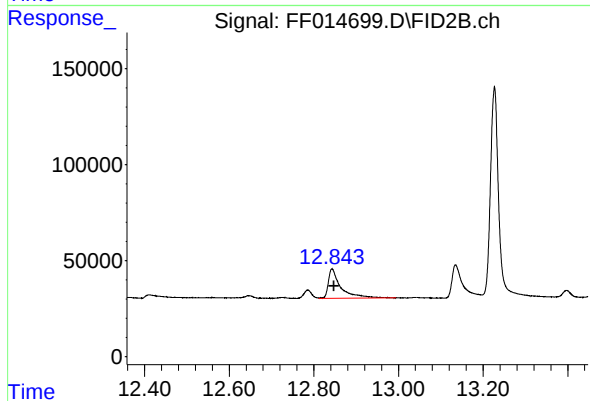
#10 Anthracene (C19.43)

R.T.: 11.109 min
Delta R.T.: 0.000 min
Response: 286270
Conc: 2.42 ug/ml



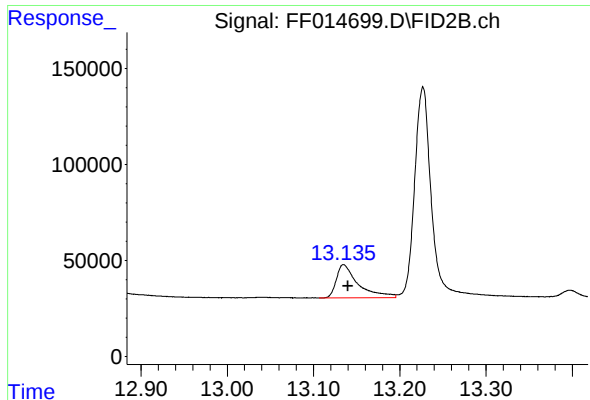
#11 ortho-Terphenyl (SURR)

R.T.: 11.788 min
Delta R.T.: -0.003 min
Response: 7289968
Conc: 53.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.843 min
Delta R.T.: -0.005 min
Response: 313530
Conc: 2.56 ug/ml



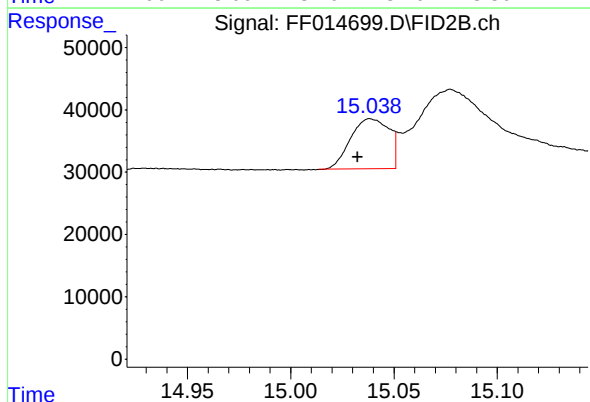
#13 Pyrene (C20.8)

R.T.: 13.135 min
Delta R.T.: -0.005 min
Response: 305962
Conc: 2.46 ug/ml

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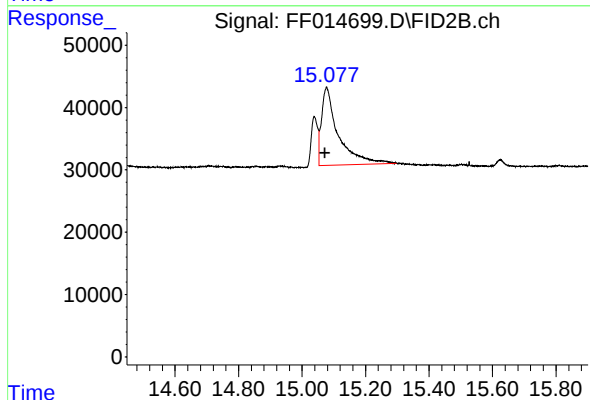
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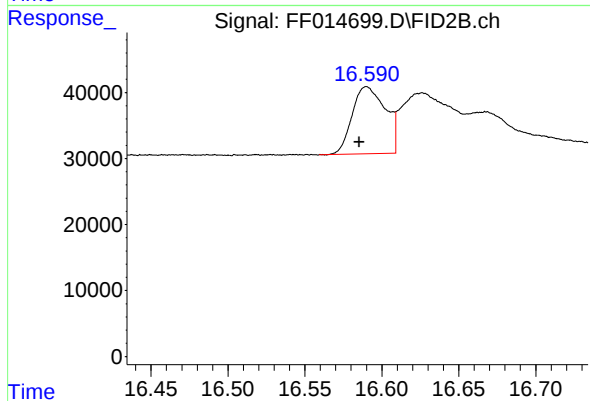
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.038 min
Delta R.T.: 0.006 min
Response: 104716
Conc: 1.19 ug/ml m



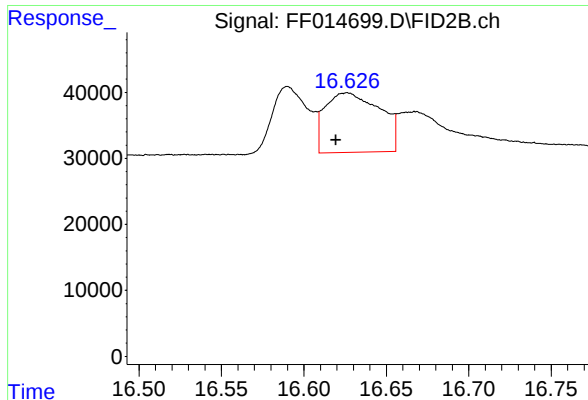
#15 Chrysene (C27.41)

R.T.: 15.077 min
Delta R.T.: 0.006 min
Response: 459483
Conc: 3.20 ug/ml



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

R.T.: 16.590 min
Delta R.T.: 0.005 min
Response: 153578
Conc: 1.59 ug/ml



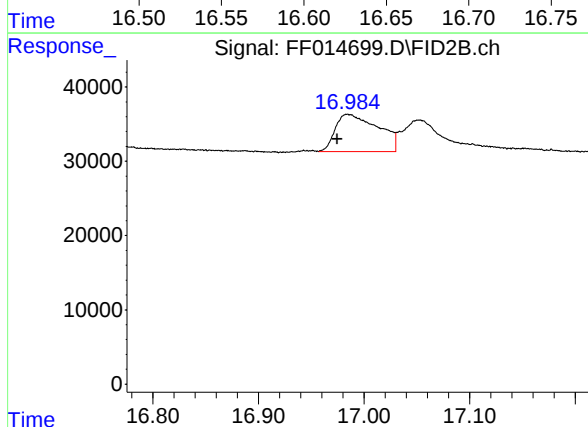
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.626 min
Delta R.T.: 0.006 min
Response: 210042
Conc: 1.55 ug/ml

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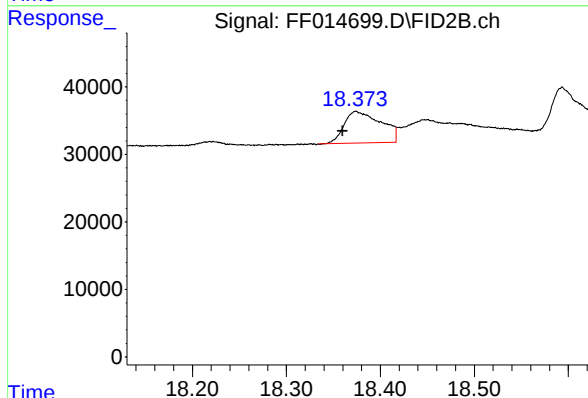
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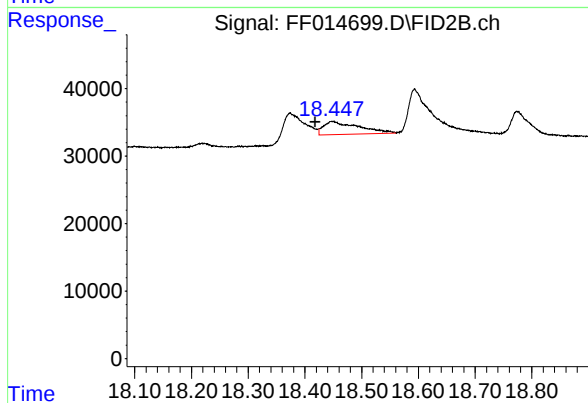
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.984 min
Delta R.T.: 0.010 min
Response: 142431
Conc: 1.30 ug/ml m



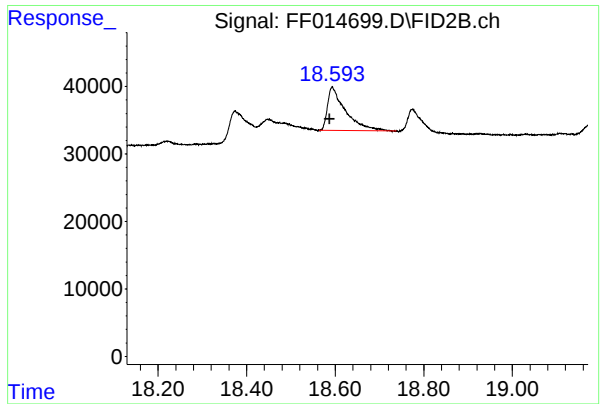
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.373 min
Delta R.T.: 0.013 min
Response: 128008
Conc: 2.00 ug/ml m



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

R.T.: 18.447 min
Delta R.T.: 0.029 min
Response: 83509
Conc: 0.79 ug/ml m



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

R.T.: 18.593 min
Delta R.T.: 0.005 min
Response: 180826
Conc: 1.49 ug/ml

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