

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101524AR\
 Data File : FF014689.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 15:29
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:26:06 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	7342131	68.474 ug/ml
Spiked Amount 50.000		Recovery =	136.95%
6) S 2-Fluorobiphenyl (SURR)	8.725	4117256	66.633 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	133.27%#
11) S ortho-Terphenyl (SURR)	11.787	7282083	53.190 ug/ml
Spiked Amount 50.000		Recovery =	106.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	276554	2.103 ug/ml
2) T Naphthalene (C11.7)	6.140	282969	2.200 ug/mlm
3) T 2-Methylnaphthalene (...)	7.238	311502	2.474 ug/ml
5) T Acenaphthylene (C15.06)	8.529	323965	2.506 ug/ml
7) T Acenaphthene (C15.5)	8.824	511931	3.753 ug/ml
8) T Flouorene (C16.55)	9.622	298781	2.501 ug/mlm
9) T Phenanthrene (C19.36)	11.027	247852	2.152 ug/ml
10) T Anthracene (C19.43)	11.107	288377	2.440 ug/ml
12) T Fluoranthene (C21.85)	12.841	321281	2.627 ug/ml
13) T Pyrene (C20.8)	13.133	311168	2.506 ug/mlm
14) T Benzo[a]anthracene (C...	15.033	136845	1.551 ug/ml
15) T Chrysene (C27.41)	15.071	441469	3.072 ug/ml
16) T benzo[b]fluoranthene ...	16.584	158765	1.643 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.619	424280	3.122 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.979	166862	1.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.364	149016	2.324 ug/mlm
20) T Dibenz[a,h]anthracene...	18.437	110131	1.044 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.589	247094	2.033 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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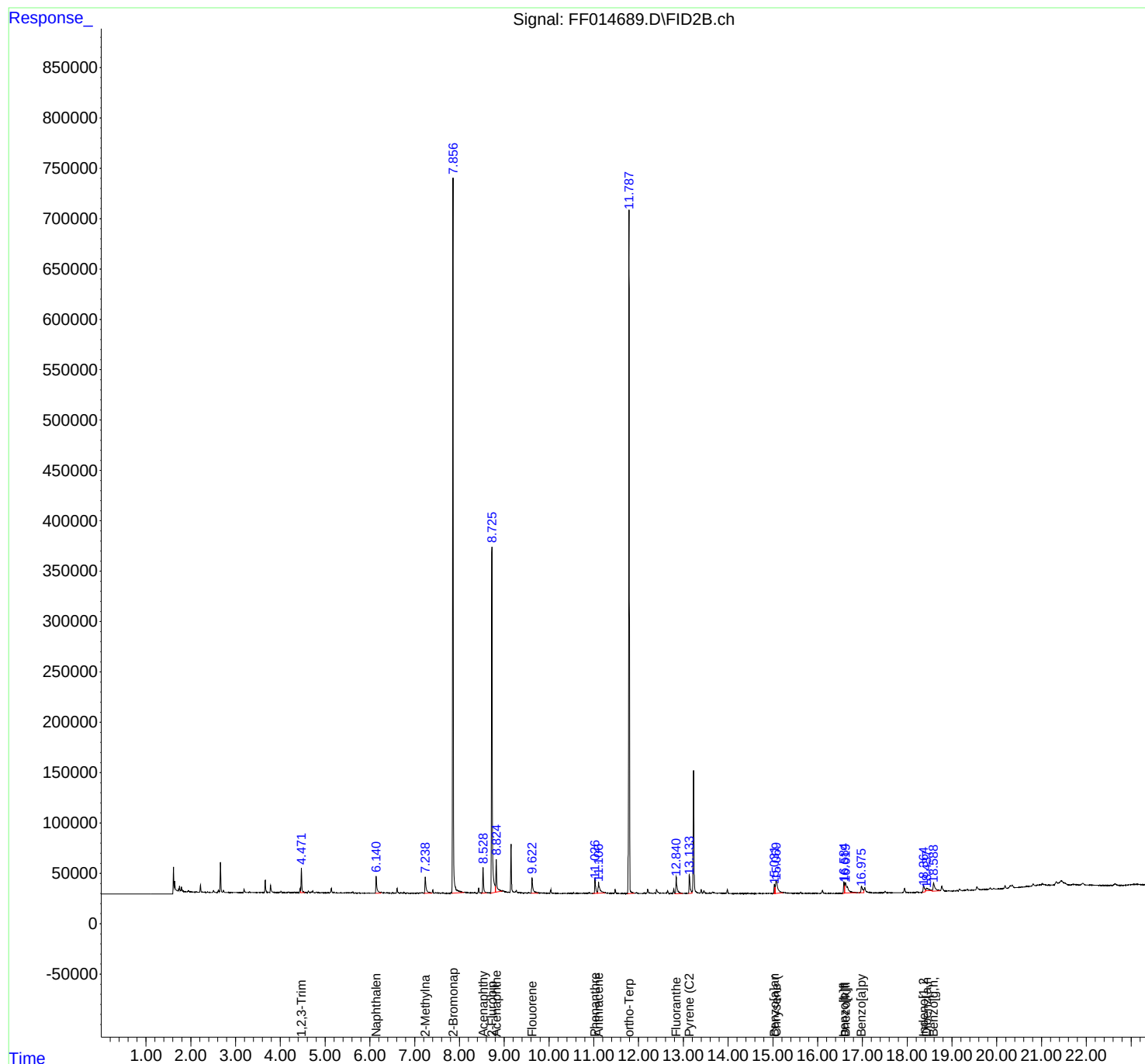
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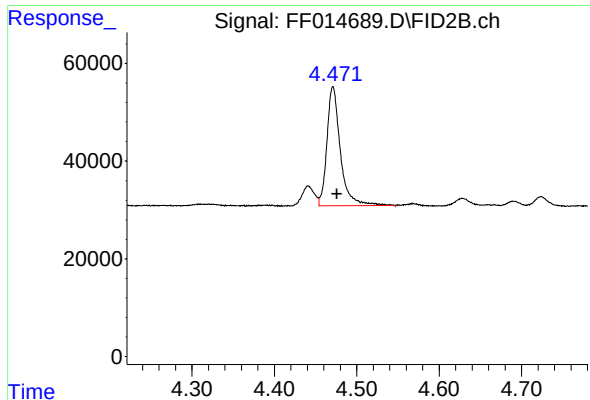
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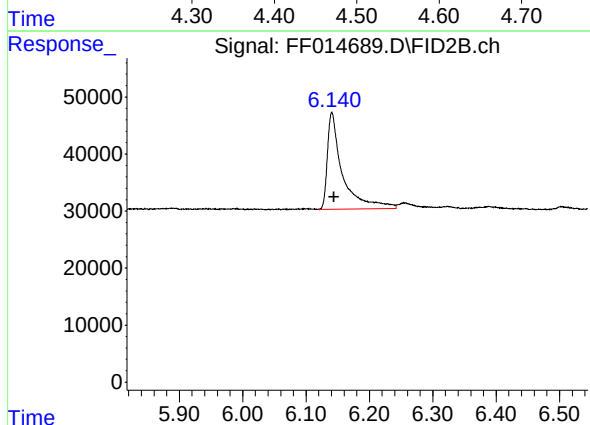
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 276554
Conc: 2.10 ug/ml

Instrument : FID_F
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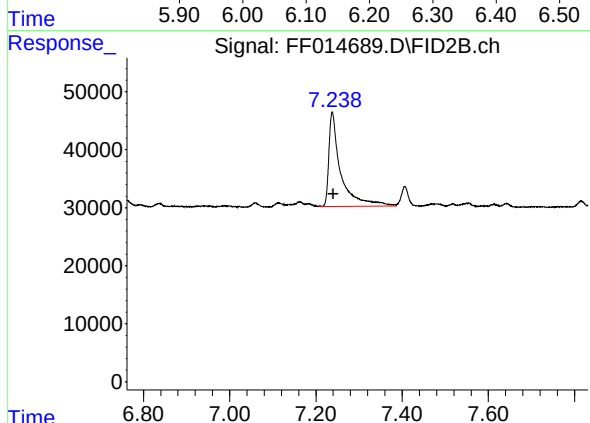
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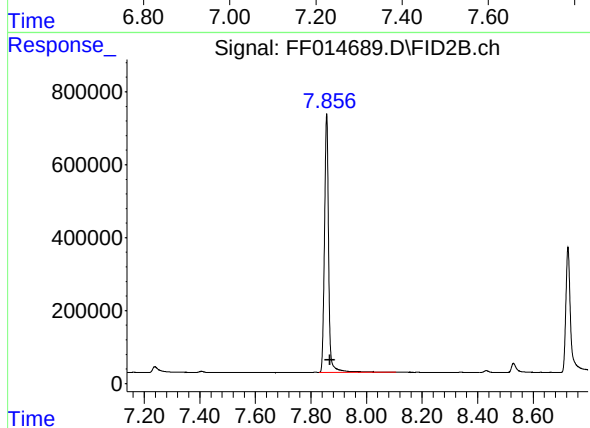
#2 Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 282969
Conc: 2.20 ug/ml m



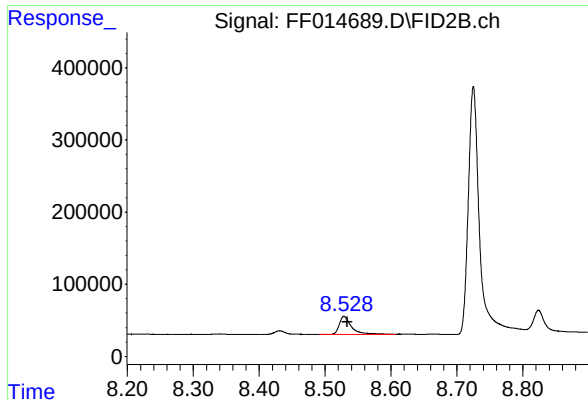
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 311502
Conc: 2.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 7342131
Conc: 68.47 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.529 min
Delta R.T.: -0.005 min
Response: 323965
Conc: 2.51 ug/ml

Instrument :

FID_F

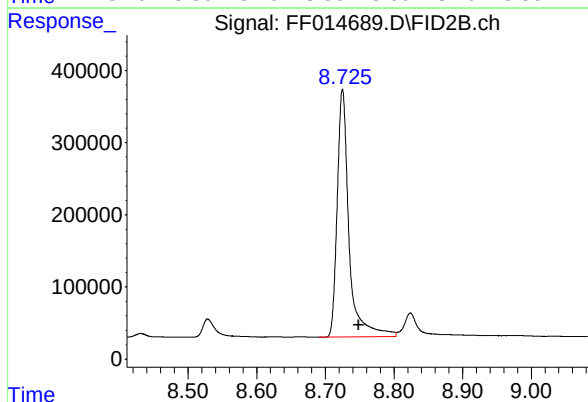
ClientSampleId :

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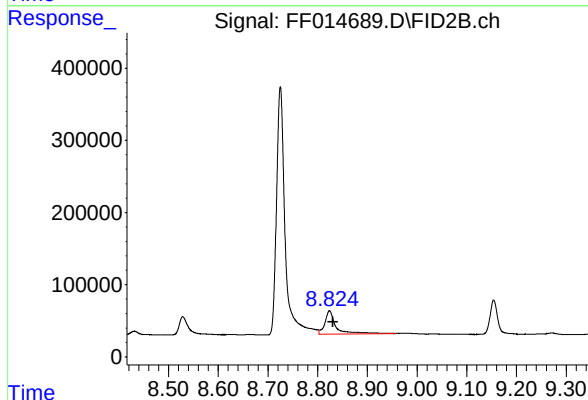
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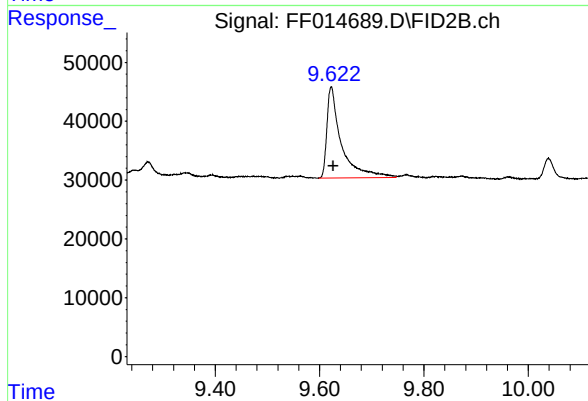
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.725 min
Delta R.T.: -0.024 min
Response: 4117256
Conc: 66.63 ug/ml



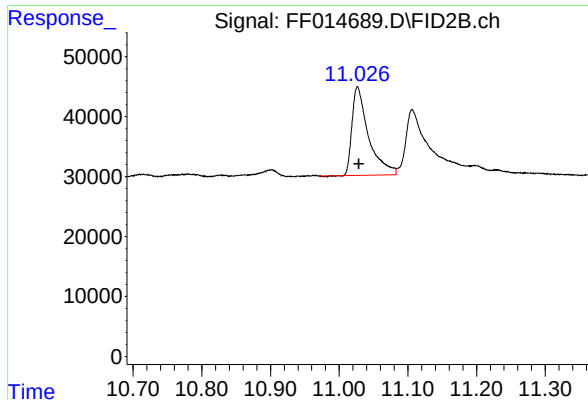
#7 Acenaphthene (C15.5)

R.T.: 8.824 min
Delta R.T.: -0.006 min
Response: 511931
Conc: 3.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.622 min
Delta R.T.: -0.005 min
Response: 298781
Conc: 2.50 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 11.027 min
Delta R.T.: -0.002 min
Response: 247852
Conc: 2.15 ug/ml

Instrument :

FID_F

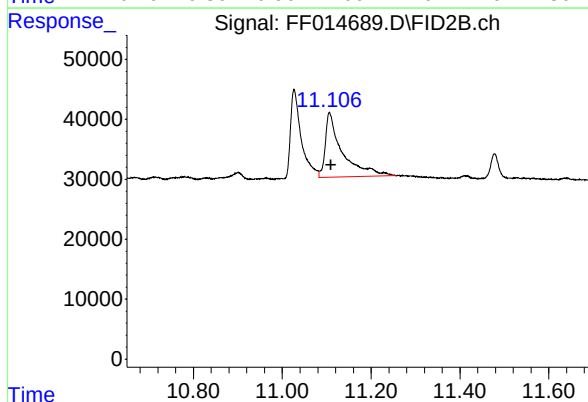
ClientSampleId :

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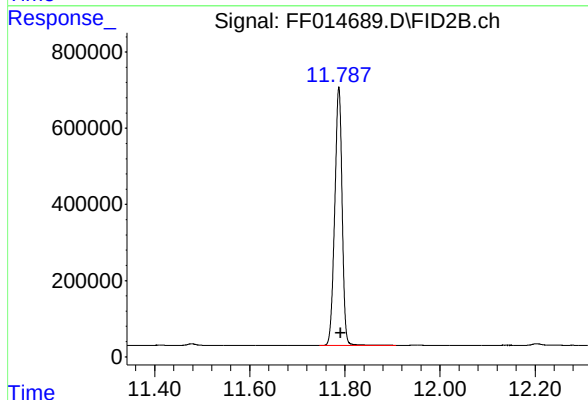
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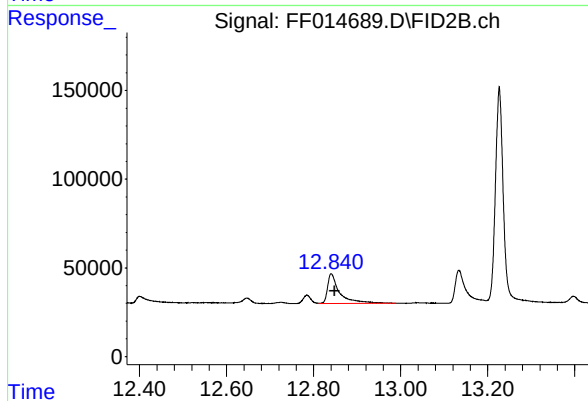
#10 Anthracene (C19.43)

R.T.: 11.107 min
Delta R.T.: -0.003 min
Response: 288377
Conc: 2.44 ug/ml



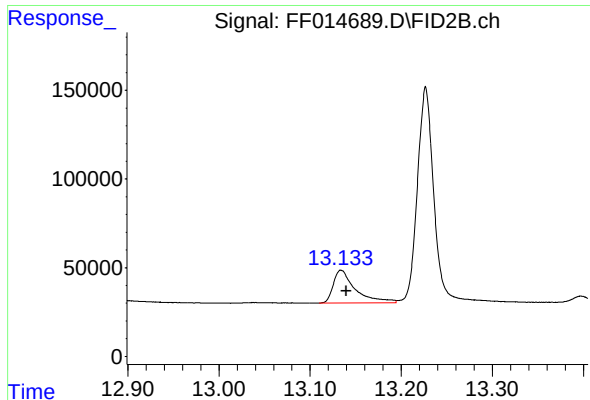
#11 ortho-Terphenyl (SURR)

R.T.: 11.787 min
Delta R.T.: -0.004 min
Response: 7282083
Conc: 53.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.841 min
Delta R.T.: -0.007 min
Response: 321281
Conc: 2.63 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.133 min
Delta R.T.: -0.006 min
Response: 311168
Conc: 2.51 ug/ml

Instrument :

FID_F

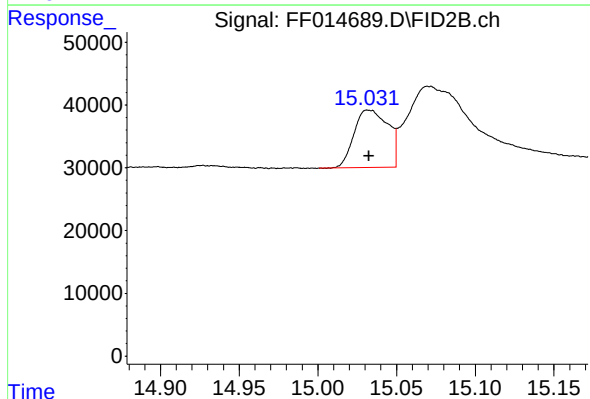
ClientSampleId :

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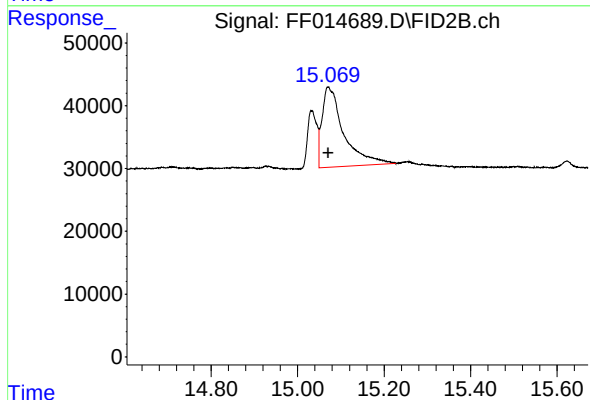
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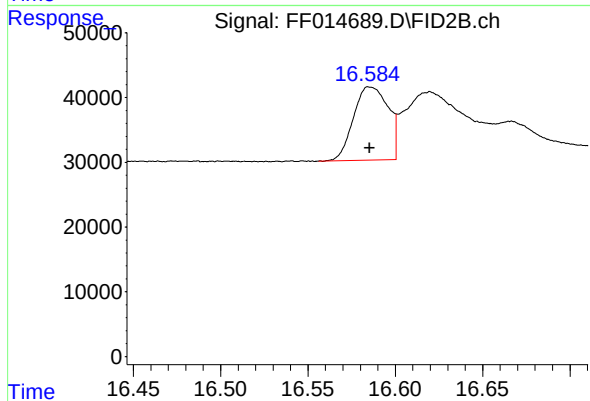
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.033 min
Delta R.T.: 0.000 min
Response: 136845
Conc: 1.55 ug/ml



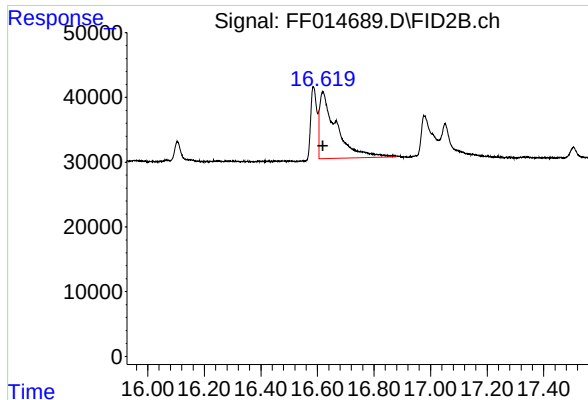
#15 Chrysene (C27.41)

R.T.: 15.071 min
Delta R.T.: 0.000 min
Response: 441469
Conc: 3.07 ug/ml



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

R.T.: 16.584 min
Delta R.T.: -0.001 min
Response: 158765
Conc: 1.64 ug/ml m



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

R.T.: 16.619 min
Delta R.T.: 0.000 min
Response: 424280
Conc: 3.12 ug/ml

Instrument :

FID_F

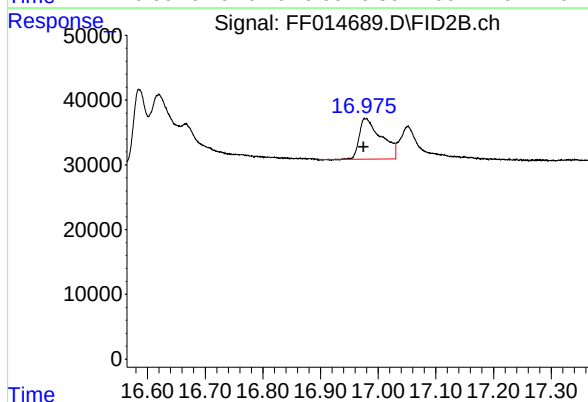
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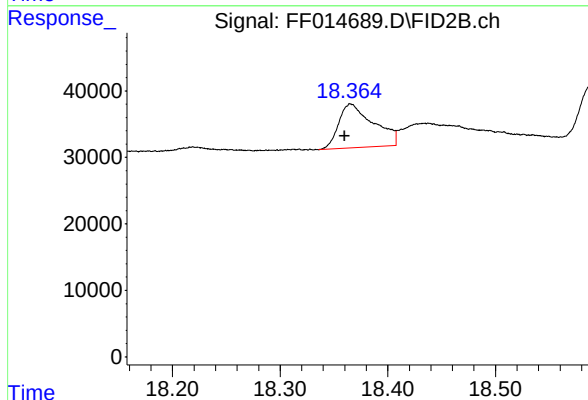
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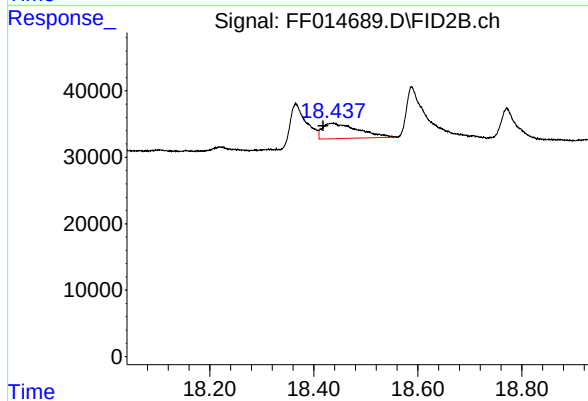
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.979 min
Delta R.T.: 0.004 min
Response: 166862
Conc: 1.52 ug/ml



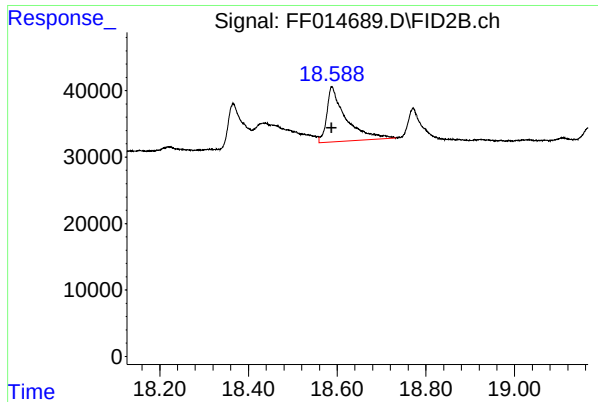
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.364 min
Delta R.T.: 0.004 min
Response: 149016
Conc: 2.32 ug/ml m



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

R.T.: 18.437 min
Delta R.T.: 0.019 min
Response: 110131
Conc: 1.04 ug/ml m



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

R.T.: 18.589 min
Delta R.T.: 0.001 min
Response: 247094
Conc: 2.03 ug/ml

Instrument :

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