

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016878.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 14:58
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 03:42:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 2025
 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...	8.001	6755145	58.913 ug/ml
Spiked Amount 50.000		Recovery =	117.83%
6) S 2-Fluorobiphenyl (SURR)	8.877	4371285	61.670 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.34%
11) S ortho-Terphenyl (SURR)	11.944	7183153	48.813 ug/ml
Spiked Amount 50.000		Recovery =	97.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.594	343180	2.498 ug/ml
2) T Naphthalene (C11.7)	6.272	318402	2.341 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	311396	2.301 ug/ml
5) T Acenaphthylene (C15.06)	8.675	403673	2.951 ug/ml
7) T Acenaphthene (C15.5)	8.973	542341	3.779 ug/ml
8) T Flouorene (C16.55)	9.767	337985	2.546 ug/ml
9) T Phenanthrene (C19.36)	11.175	337696	2.600 ug/ml
10) T Anthracene (C19.43)	11.252	365918	2.876 ug/ml
12) T Fluoranthene (C21.85)	12.997	392029	2.987 ug/ml
13) T Pyrene (C20.8)	13.296	391266	2.971 ug/ml
14) T Benzo[a]anthracene (C...	15.188	263444	2.447 ug/ml
15) T Chrysene (C27.41)	15.228	494080	3.571 ug/ml
16) T benzo[b]fluoranthene ...	16.749	276883	2.344 ug/ml
17) T Bnezo[k]fluoranthene ...	16.778	366079	2.840 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.136	291634	2.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.515	201174	2.035 ug/ml
20) T Dibenz[a,h]anthracene...	18.551	437575	2.771 ug/ml
21) T Benzo[g,h,i]perylene ...	18.763	315334	2.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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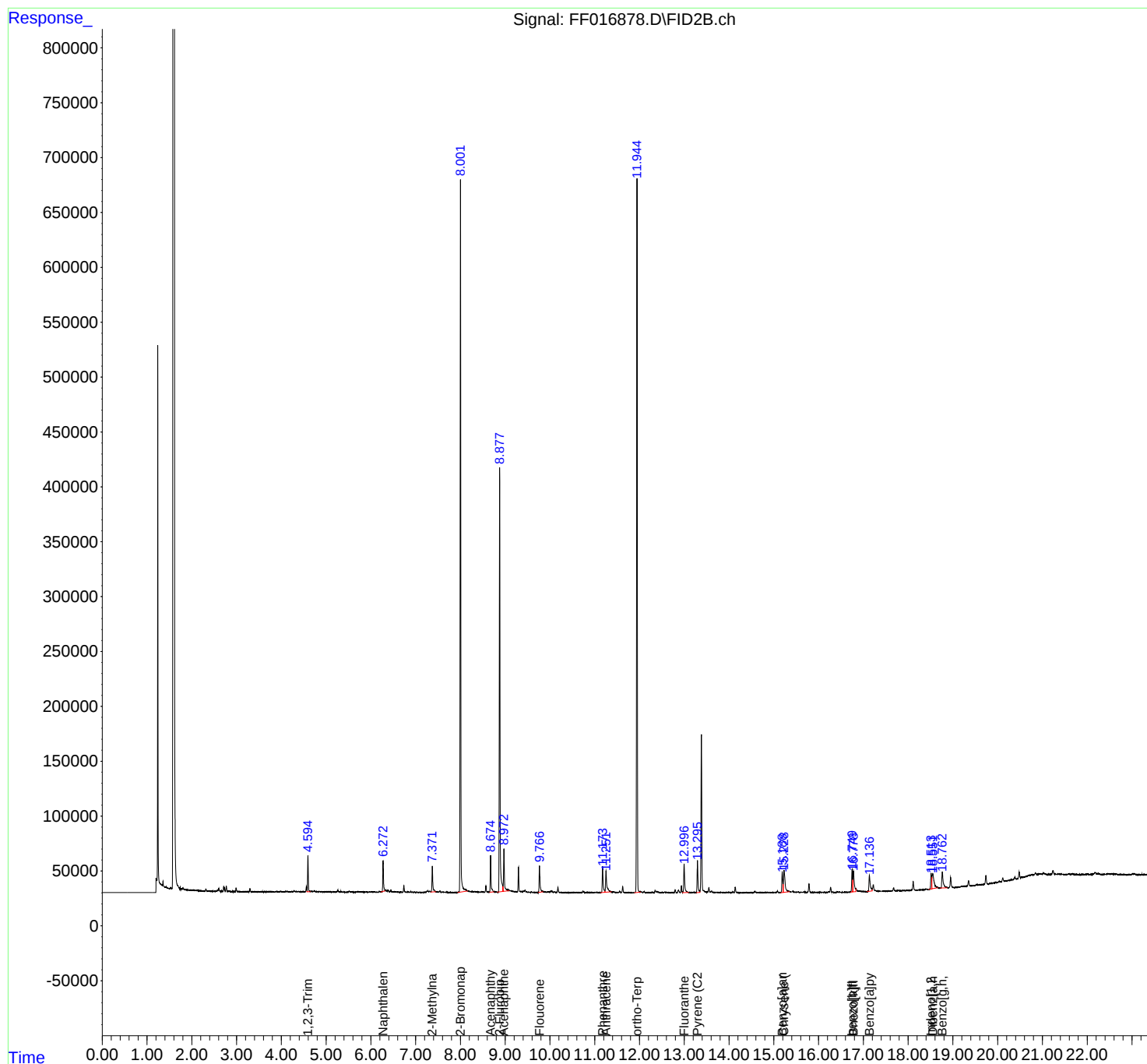
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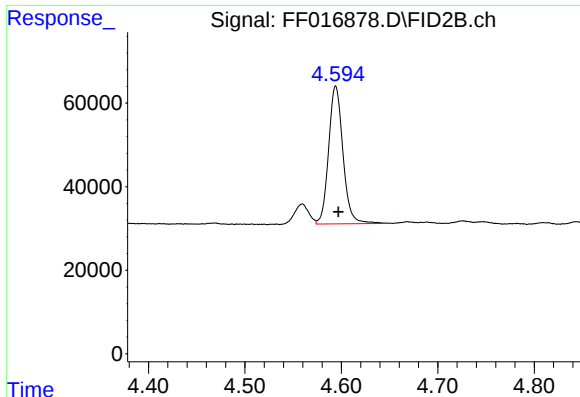
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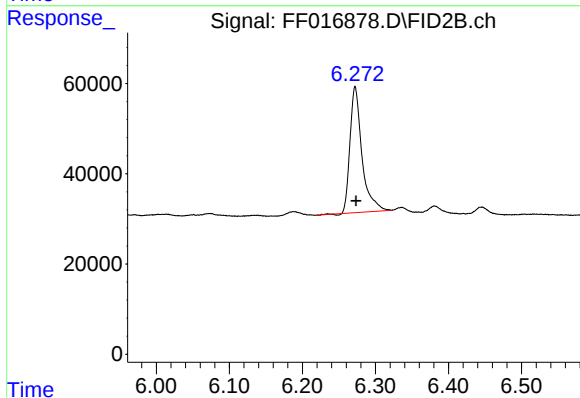
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 343180
Conc: 2.50 ug/ml

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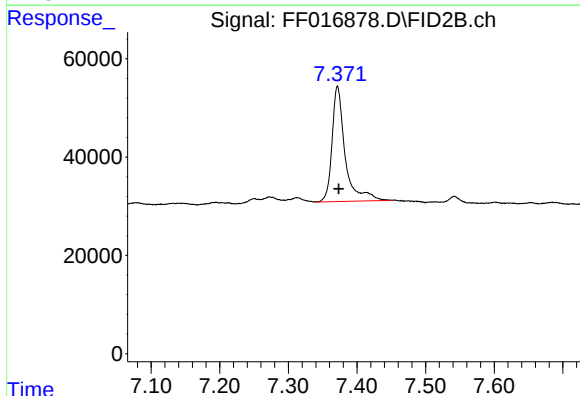
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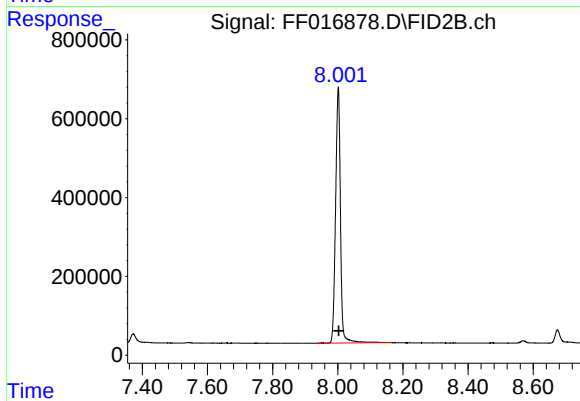
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 318402
Conc: 2.34 ug/ml



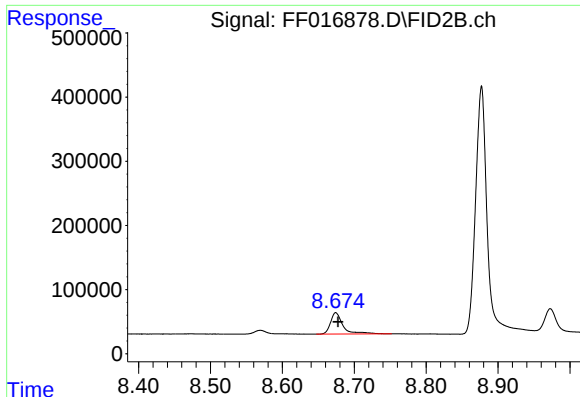
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 311396
Conc: 2.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.001 min
Delta R.T.: -0.002 min
Response: 6755145
Conc: 58.91 ug/ml



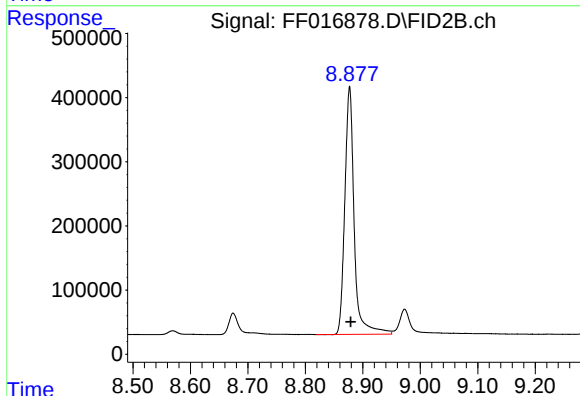
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 403673
Conc: 2.95 ug/ml

Instrument : FID_F
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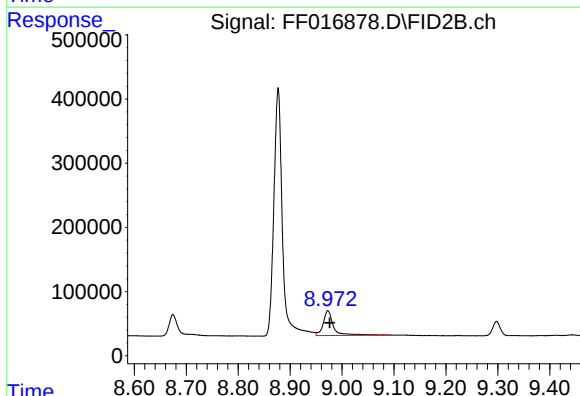
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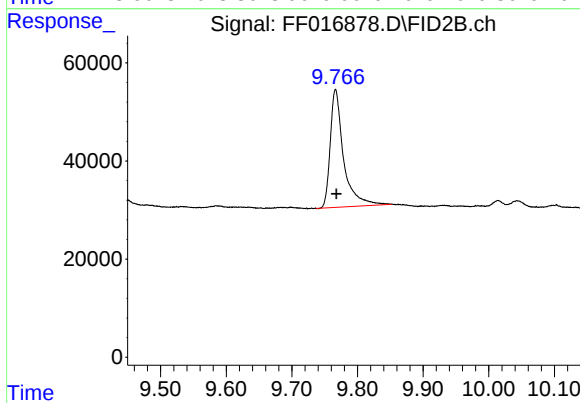
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 4371285
Conc: 61.67 ug/ml



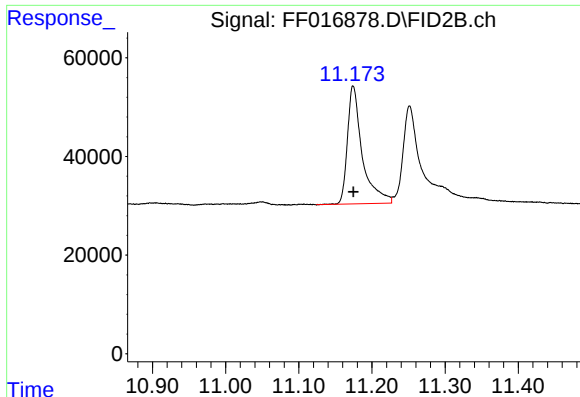
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 542341
Conc: 3.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 337985
Conc: 2.55 ug/ml



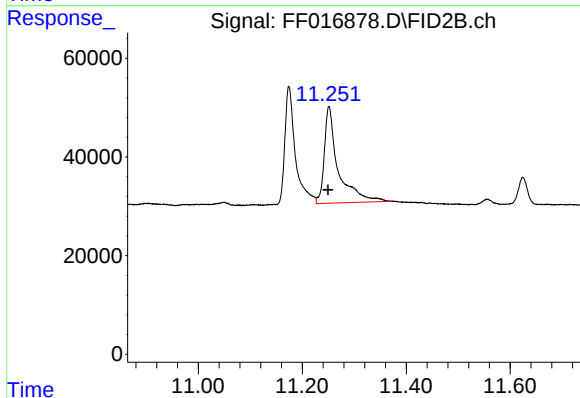
#9 Phenanthrene (C19.36)

R.T.: 11.175 min
Delta R.T.: 0.000 min
Response: 337696
Conc: 2.60 ug/ml

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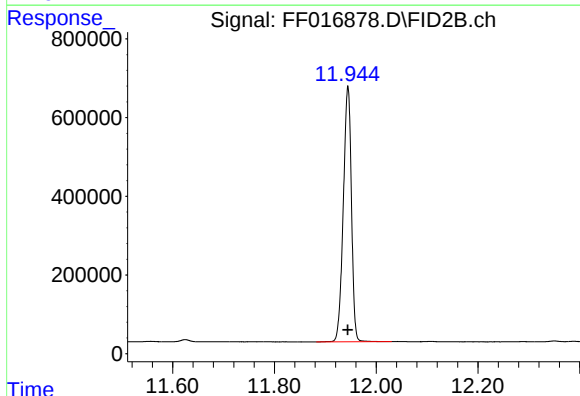
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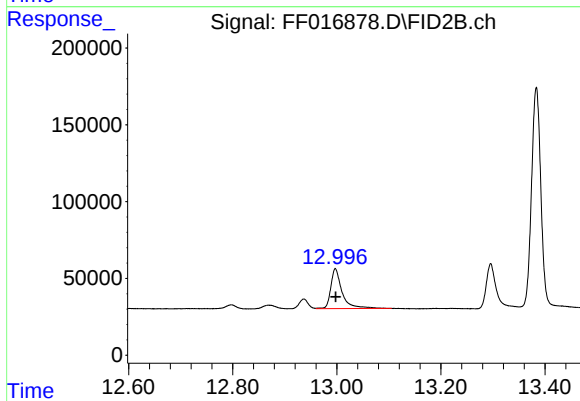
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: 0.002 min
Response: 365918
Conc: 2.88 ug/ml



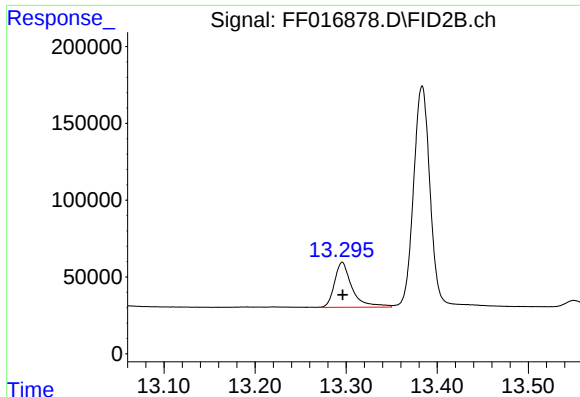
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 7183153
Conc: 48.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 392029
Conc: 2.99 ug/ml



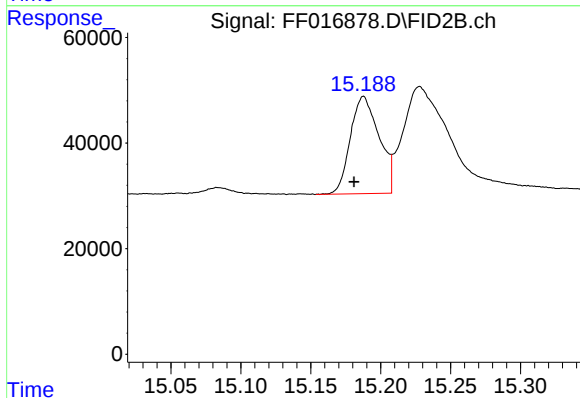
#13 Pyrene (C20.8)

R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 391266
Conc: 2.97 ug/ml

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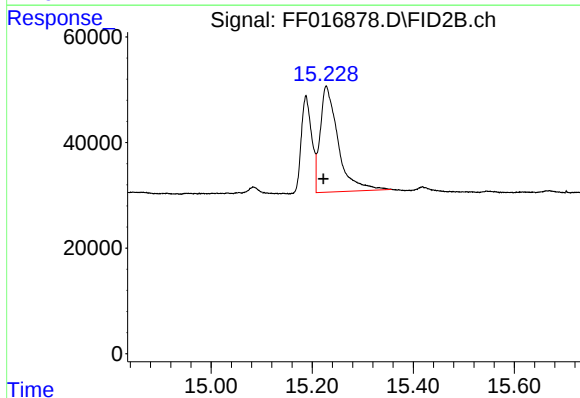
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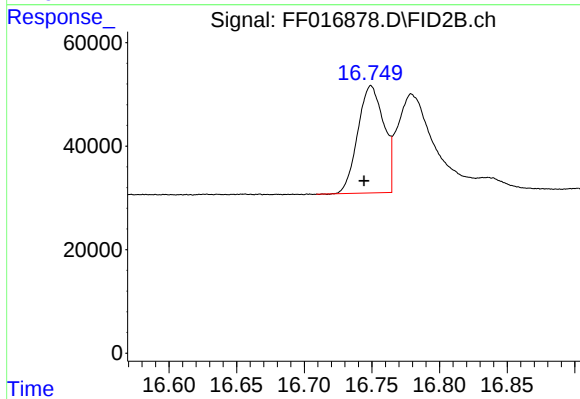
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.188 min
Delta R.T.: 0.007 min
Response: 263444
Conc: 2.45 ug/ml



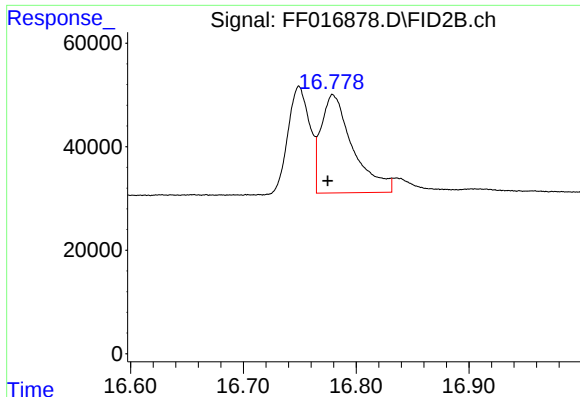
#15 Chrysene (C27.41)

R.T.: 15.228 min
Delta R.T.: 0.006 min
Response: 494080
Conc: 3.57 ug/ml



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

R.T.: 16.749 min
Delta R.T.: 0.005 min
Response: 276883
Conc: 2.34 ug/ml



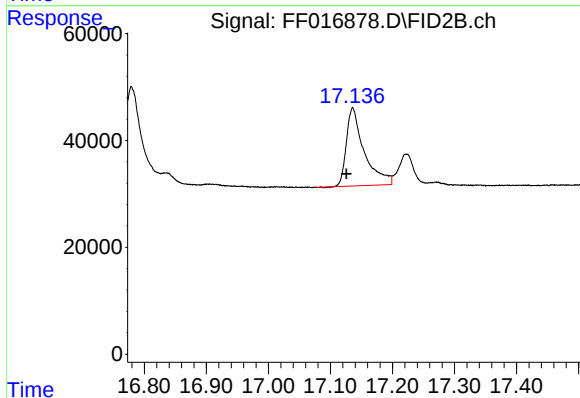
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.778 min
Delta R.T.: 0.003 min
Response: 366079
Conc: 2.84 ug/ml

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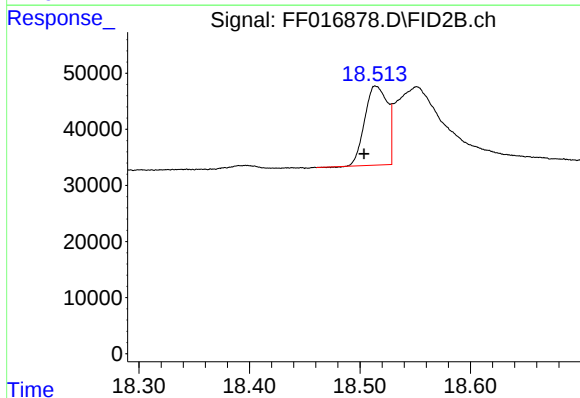
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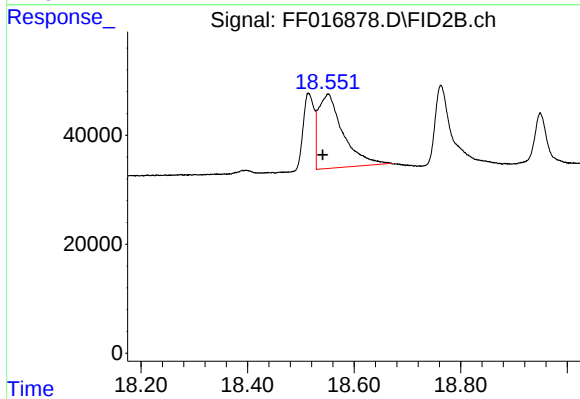
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: 0.010 min
Response: 291634
Conc: 2.42 ug/ml



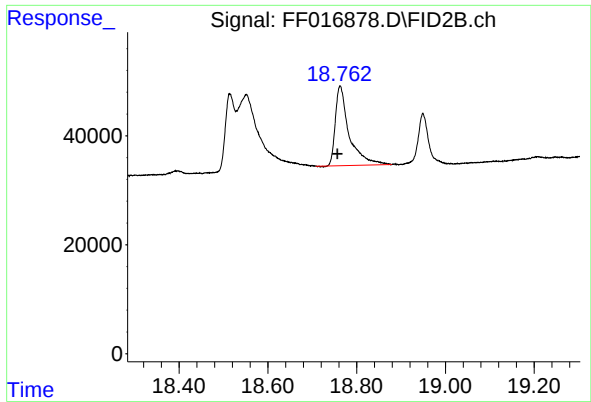
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.515 min
Delta R.T.: 0.011 min
Response: 201174
Conc: 2.03 ug/ml



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

R.T.: 18.551 min
Delta R.T.: 0.010 min
Response: 437575
Conc: 2.77 ug/ml



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

R.T.: 18.763 min
Delta R.T.: 0.006 min
Response: 315334
Conc: 2.48 ug/ml

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