

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046439.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2023 00:45
 Operator : YP/AJ
 Sample : 04255-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTE-DOVERMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 03:41:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.502	13224090	78.302 ug/mlm
Spiked Amount 50.000		Recovery =	156.60%
6) S 2-Fluorobiphenyl (SURR)	8.354	18404016	165.370 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	330.74%#
11) S ortho-Terphenyl (SURR)	11.379	10488118	53.476 ug/mlm
Spiked Amount 50.000		Recovery =	106.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	3853858	21.932 ug/ml
2) T Naphthalene (C11.7)	5.866	44366554	240.720 ug/mlm
3) T 2-Methylnaphthalene (...)	6.890	4598169	24.765 ug/mlm
5) T Acenaphthylene (C15.06)	8.169	13735137	80.710 ug/mlm
7) T Acenaphthene (C15.5)	8.479	12570537	69.775 ug/mlm
8) T Flouorene (C16.55)	9.249	109772354	627.652 ug/mlm
9) T Phenanthrene (C19.36)	10.643	4177823	24.350 ug/mlm
10) T Anthracene (C19.43)	10.729	67207945	398.398 ug/mlm
12) T Fluoranthene (C21.85)	12.434	30884242	185.636 ug/mlm
13) T Pyrene (C20.8)	12.741	1801200	11.176 ug/mlm
14) T Benzo[a]anthracene (C...	14.602	4291865	30.506 ug/mlm
15) T Chrysene (C27.41)	14.645	4078012	27.492 ug/mlm
16) T benzo[b]fluoranthene ...	16.126	3864629	28.441 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	4048900	29.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.499	3599147	27.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	3516869	28.195 ug/mlm
20) T Dibenz[a,h]anthracene...	17.893	3521097	28.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	3261859	25.435 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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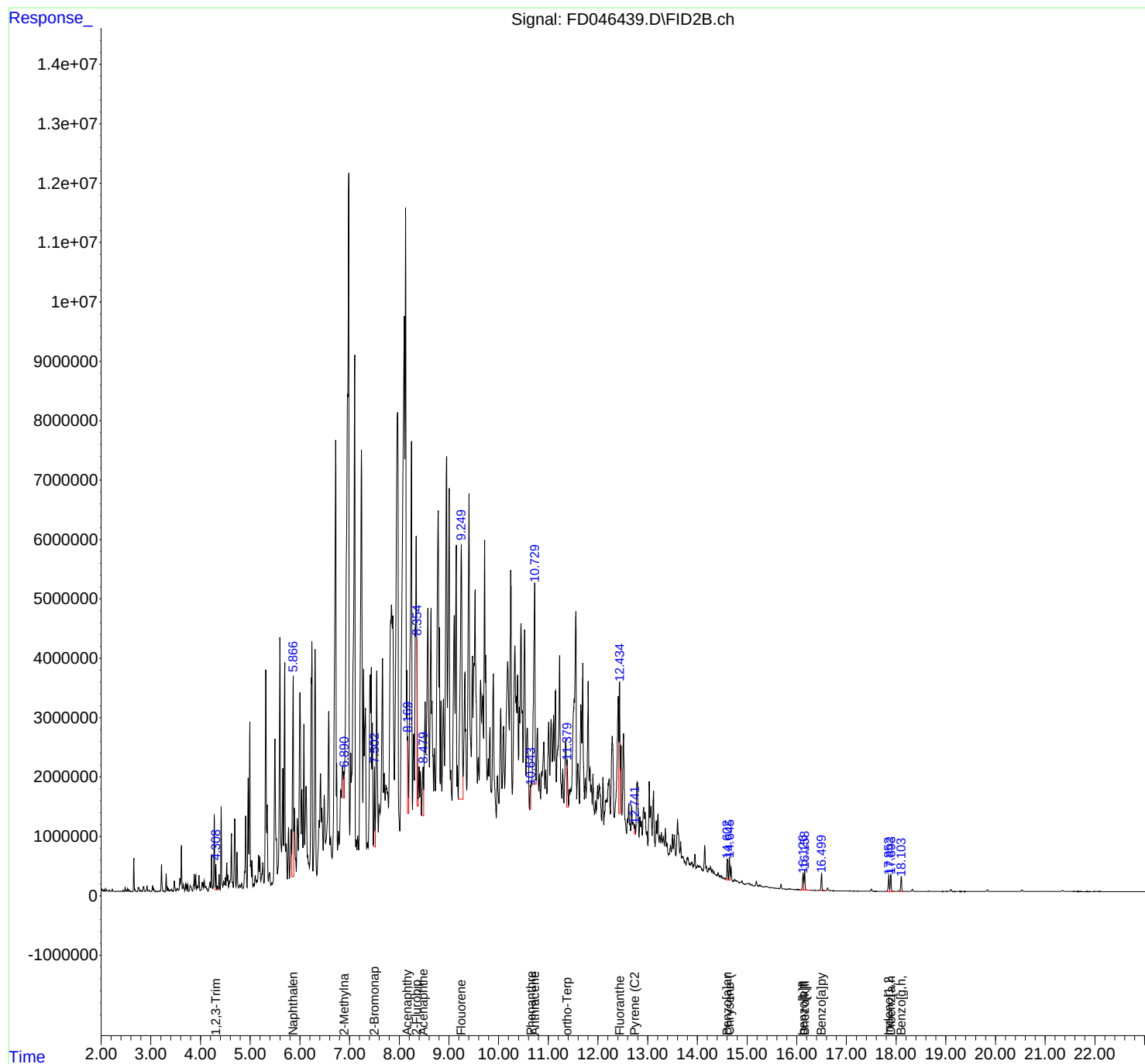
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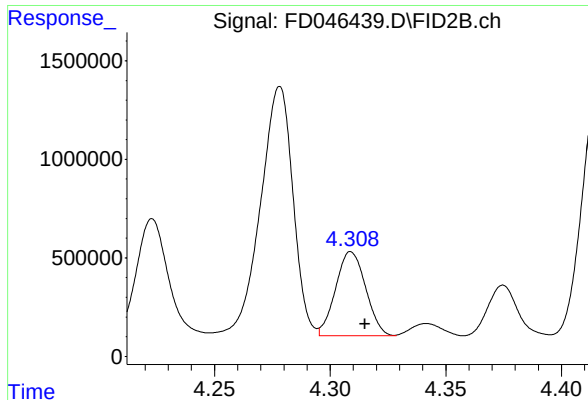
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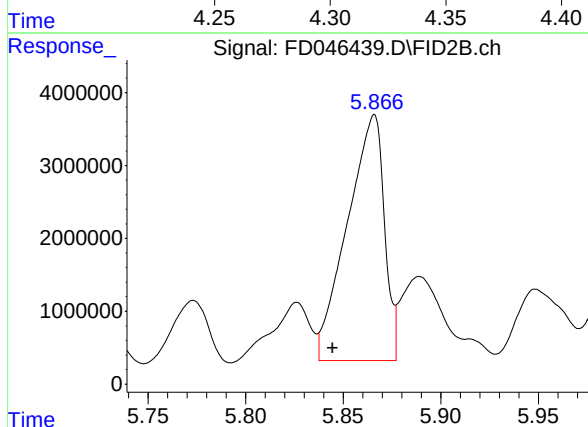
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.309 min
Delta R.T.: -0.006 min
Response: 3853858
Conc: 21.93 ug/ml

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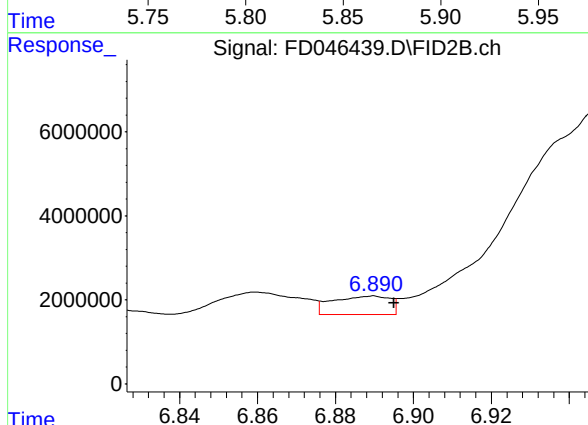
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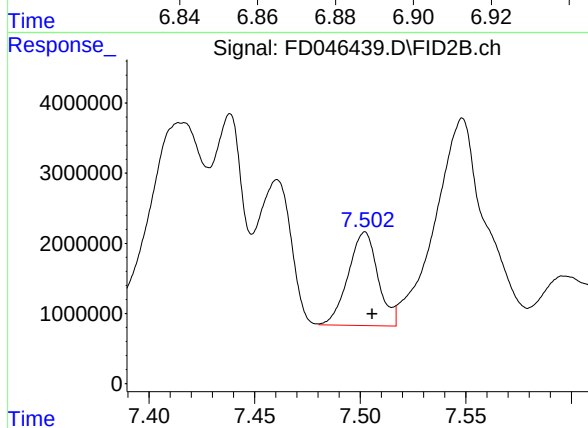
#2 Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.021 min
Response: 44366554
Conc: 240.72 ug/ml m



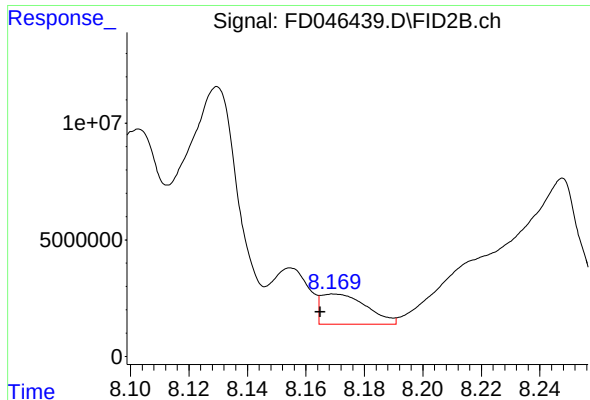
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 4598169
Conc: 24.76 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 13224090
Conc: 78.30 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.169 min
Delta R.T.: 0.004 min
Response: 13735137
Conc: 80.71 ug/ml

Instrument :

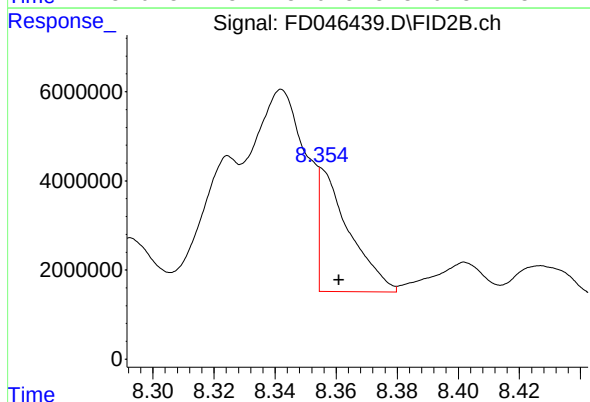
FID_D

ClientSampleId :

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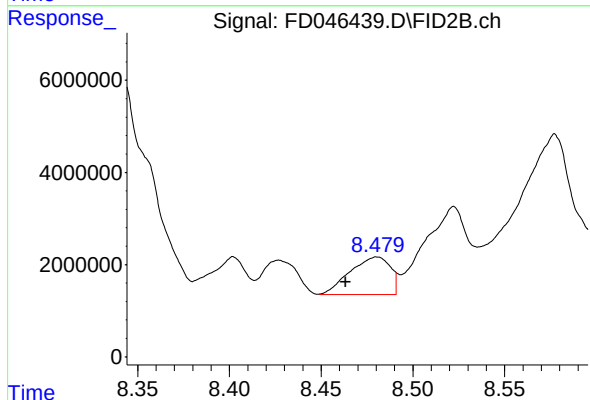
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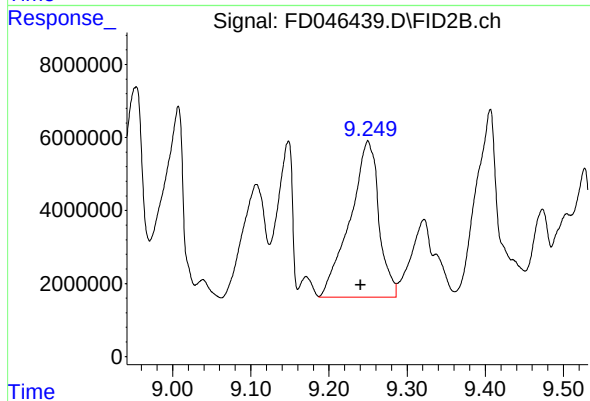
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.006 min
Response: 18404016
Conc: 165.37 ug/ml m



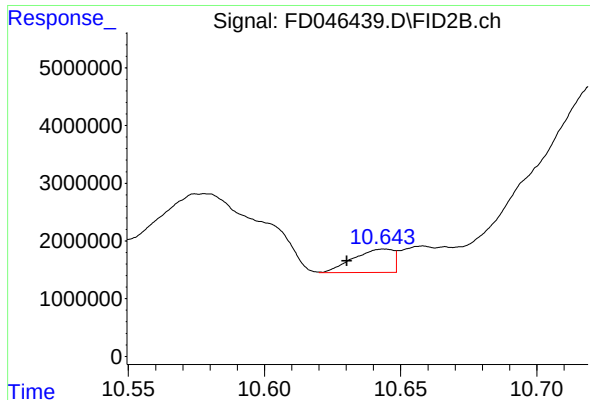
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: 0.016 min
Response: 12570537
Conc: 69.77 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: 0.009 min
Response: 109772354
Conc: 627.65 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: 0.013 min
Response: 4177823
Conc: 24.35 ug/ml

Instrument :

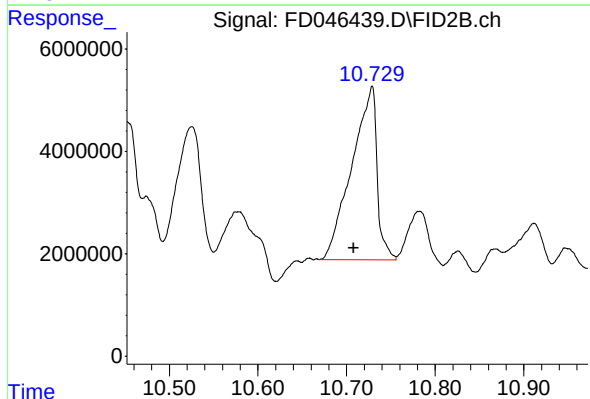
FID_D

ClientSampleId :

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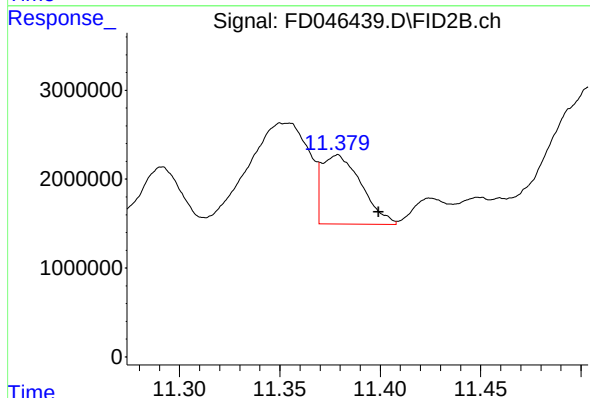
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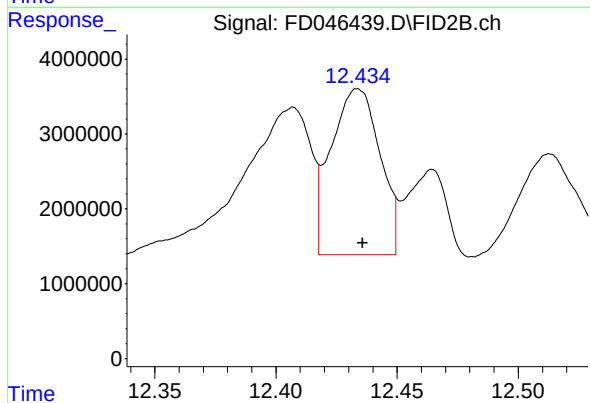
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: 0.021 min
Response: 67207945
Conc: 398.40 ug/ml m



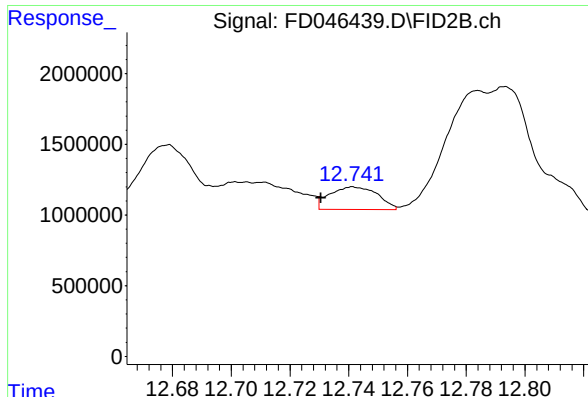
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.021 min
Response: 10488118
Conc: 53.48 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.434 min
Delta R.T.: -0.002 min
Response: 30884242
Conc: 185.64 ug/ml m



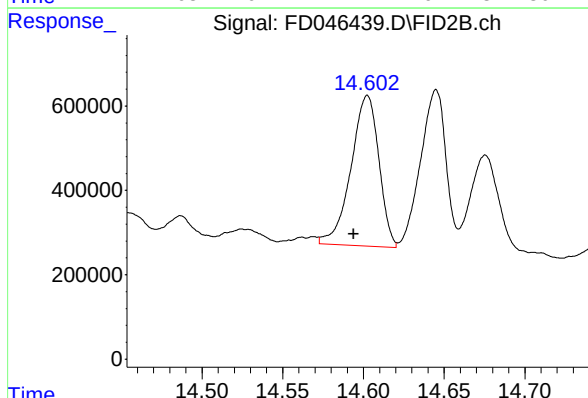
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: 0.011 min
Response: 1801200
Conc: 11.18 ug/ml

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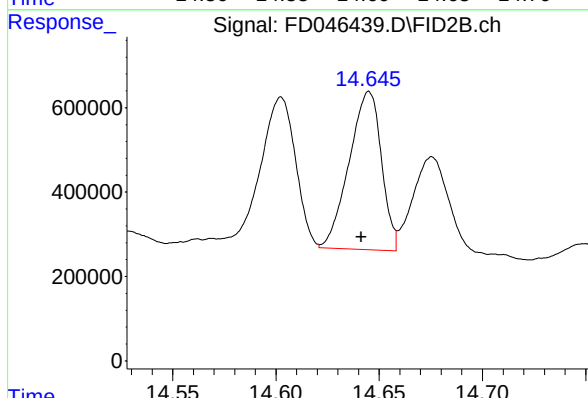
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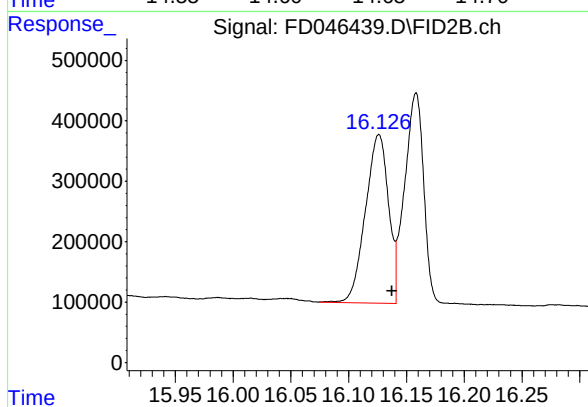
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.008 min
Response: 4291865
Conc: 30.51 ug/ml m



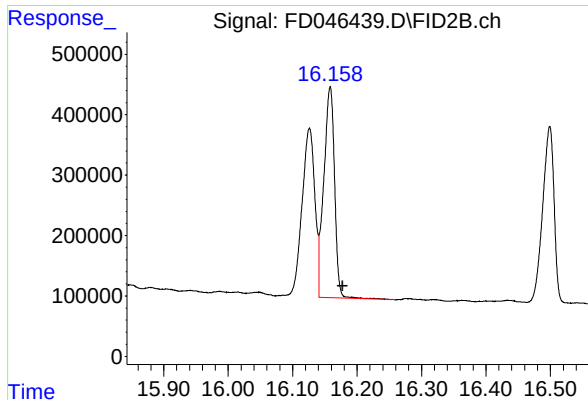
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: 0.003 min
Response: 4078012
Conc: 27.49 ug/ml m



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

R.T.: 16.126 min
Delta R.T.: -0.012 min
Response: 3864629
Conc: 28.44 ug/ml



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

R.T.: 16.158 min
Delta R.T.: -0.020 min
Response: 4048900
Conc: 29.85 ug/ml

Instrument :

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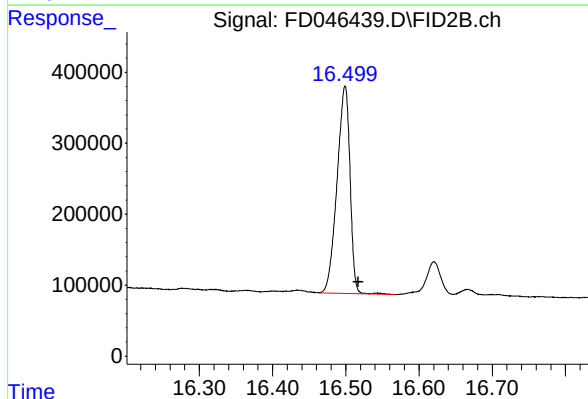
ClientSampleId :

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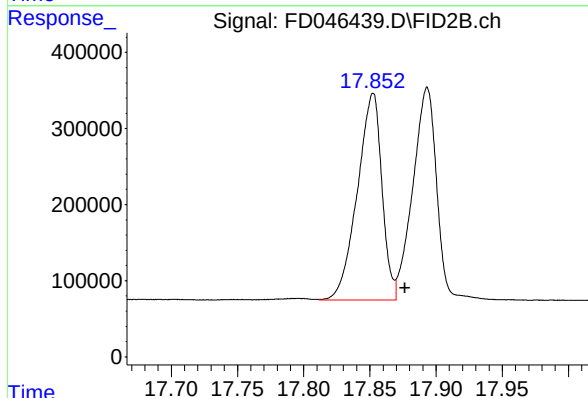
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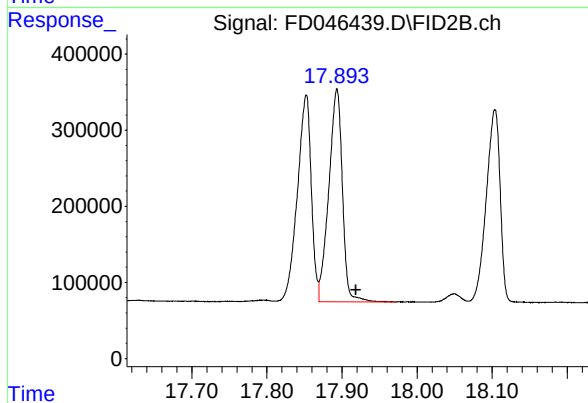
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.499 min
Delta R.T.: -0.018 min
Response: 3599147
Conc: 27.32 ug/ml



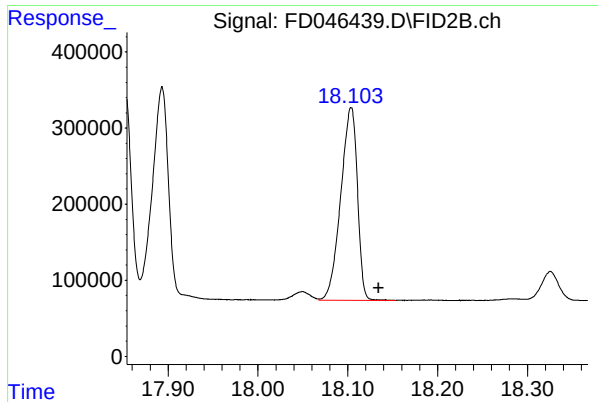
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.025 min
Response: 3516869
Conc: 28.19 ug/ml m



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

R.T.: 17.893 min
Delta R.T.: -0.025 min
Response: 3521097
Conc: 28.10 ug/ml



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

R.T.: 18.103 min
Delta R.T.: -0.031 min
Response: 3261859
Conc: 25.44 ug/ml

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