

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031422AR\
 Data File : FD041537.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2022 21:19
 Operator : UA/NP
 Sample : N1837-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: sample.E
 Quant Time: Mar 15 02:18:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.358	7351275	45.497 ug/mlm
Spiked Amount 50.000		Recovery =	90.99%
6) S 2-Fluorobiphenyl (SURR)	8.206	84145709	808.349 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	1616.70%#
11) S ortho-Terphenyl (SURR)	11.208	27787267	158.419 ug/mlm
Spiked Amount 50.000		Recovery =	316.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	21314029	121.613 ug/ml
2) T Naphthalene (C11.7)	5.727	11316162	62.045 ug/mlm
3) T 2-Methylnaphthalene (...)	6.725	24658060	136.238 ug/mlm
5) T Acenaphthylene (C15.06)	8.016	7459226	41.725 ug/mlm
7) T Acenaphthene (C15.5)	8.295	7263184	37.998 ug/mlm
8) T Flouorene (C16.55)	9.113	121301597	708.374 ug/mlm
9) T Phenanthrene (C19.36)	10.437	31216598	190.009 ug/mlm
10) T Anthracene (C19.43)	10.588	71100193	444.594 ug/mlm
12) T Fluoranthene (C21.85)	12.277	53926247	320.961 ug/mlm
13) T Pyrene (C20.8)	12.540	4815736	28.724 ug/mlm
14) T Benzo[a]anthracene (C...	14.467	7190811	49.551 ug/ml
15) T Chrysene (C27.41)	14.510	5997408	36.420 ug/mlm
16) T benzo[b]fluoranthene ...	15.997	6122205	44.857 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	6013241	40.749 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.370	5465109	41.563 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	5587201	44.570 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	6027612	42.642 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	5793864	44.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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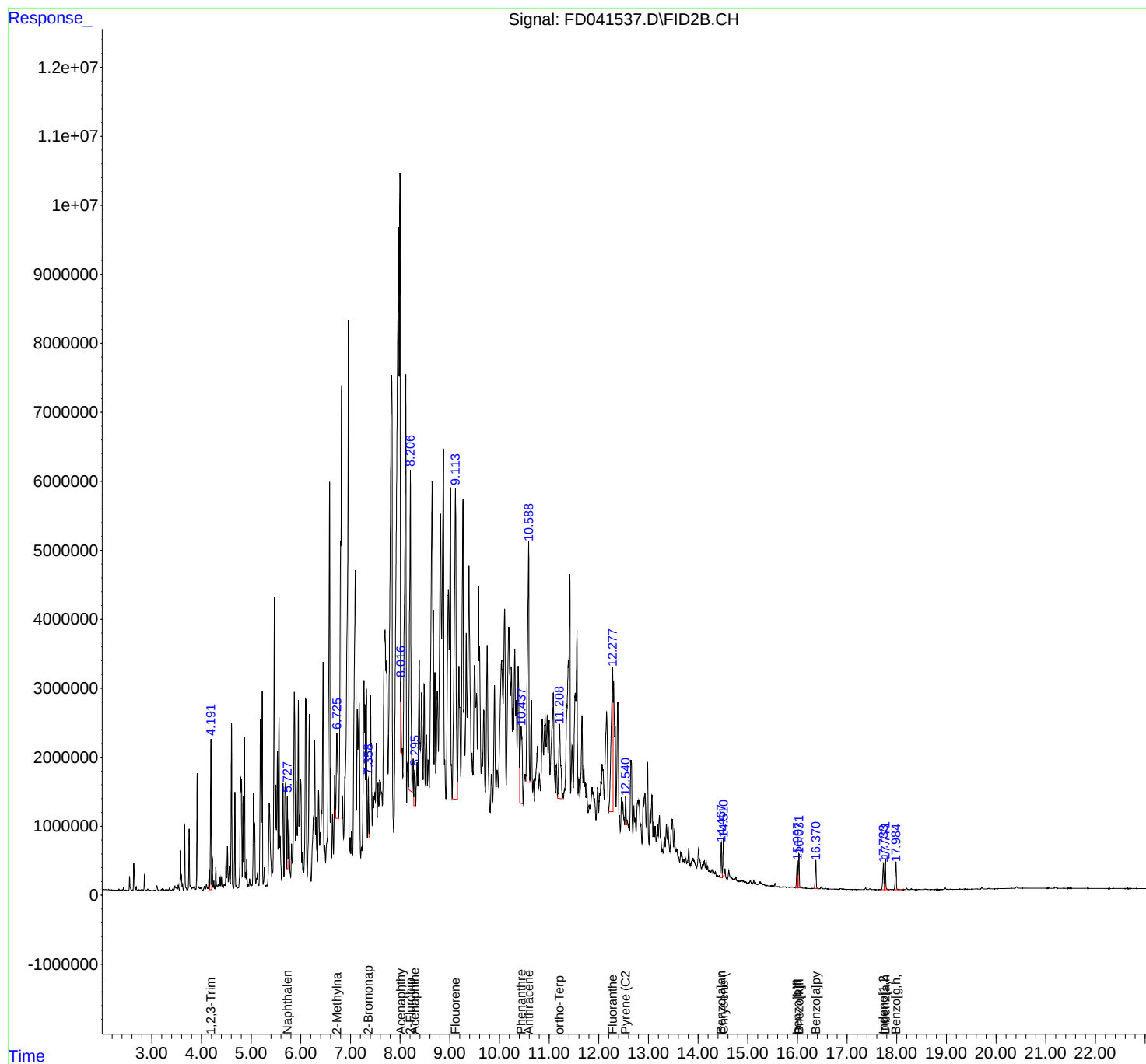
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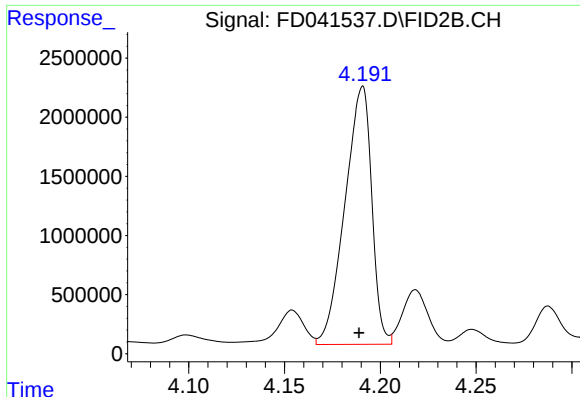
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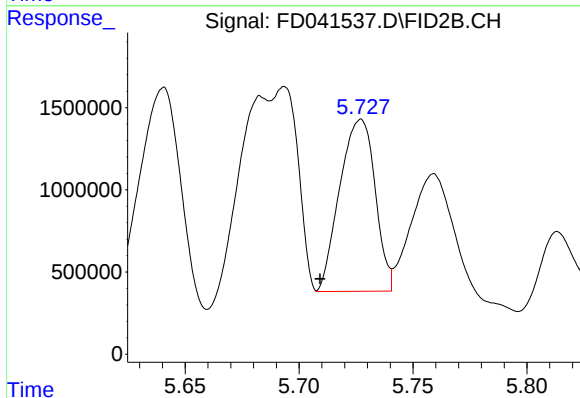
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: 0.001 min
Response: 21314029
Conc: 121.61 ug/ml

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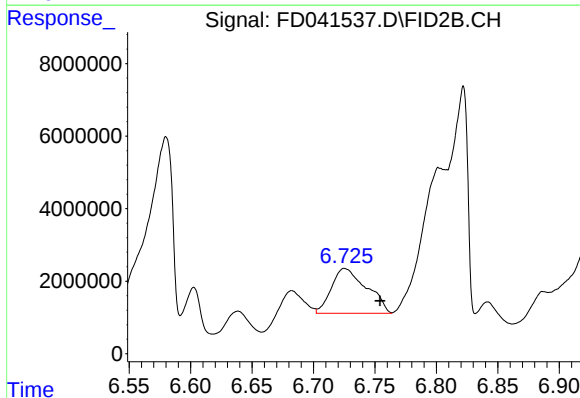
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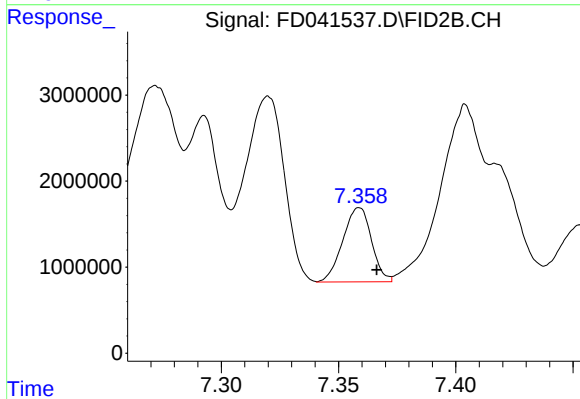
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.018 min
Response: 11316162
Conc: 62.04 ug/ml m



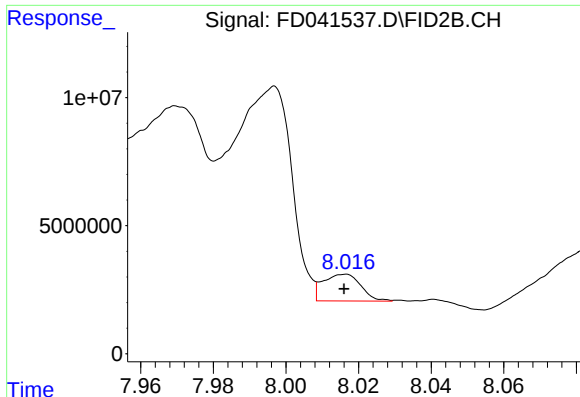
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.030 min
Response: 24658060
Conc: 136.24 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 7351275
Conc: 45.50 ug/ml m



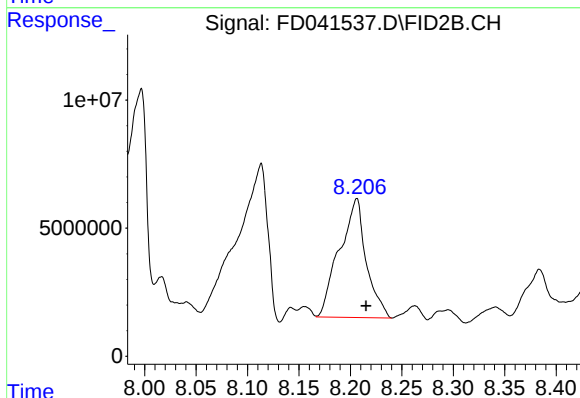
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 7459226
Conc: 41.73 ug/ml

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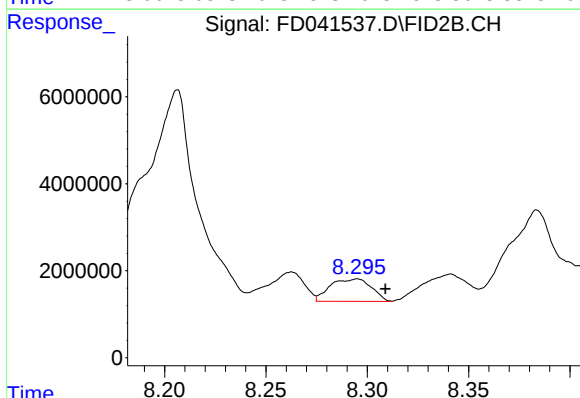
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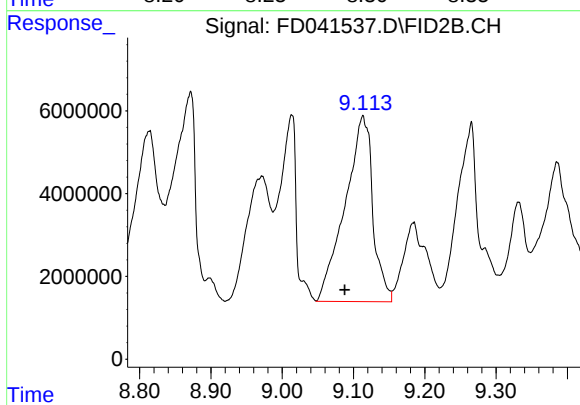
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.009 min
Response: 84145709
Conc: 808.35 ug/ml m



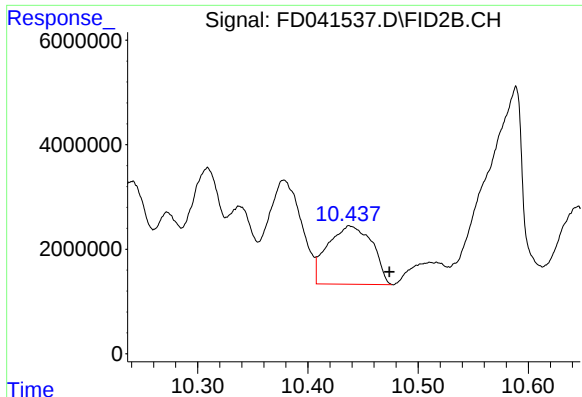
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.014 min
Response: 7263184
Conc: 38.00 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.113 min
Delta R.T.: 0.026 min
Response: 121301597
Conc: 708.37 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.037 min
Response: 31216598
Conc: 190.01 ug/ml

Instrument :

FID_D

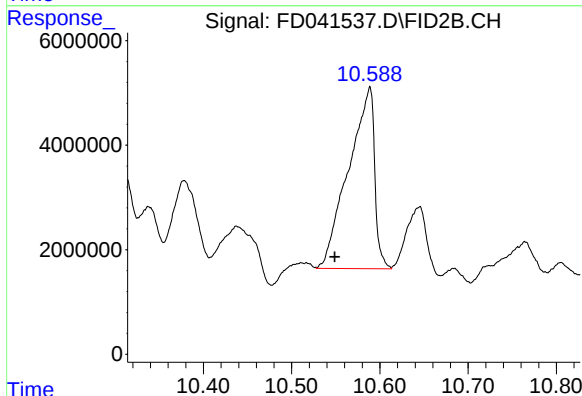
ClientSampleId :

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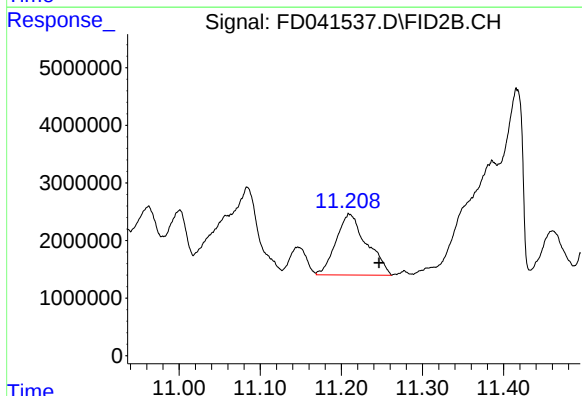
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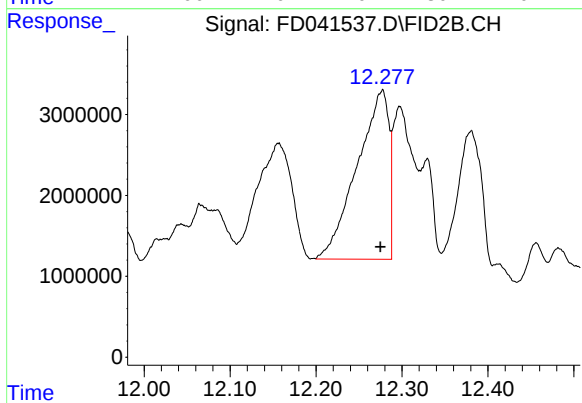
#10 Anthracene (C19.43)

R.T.: 10.588 min
Delta R.T.: 0.040 min
Response: 71100193
Conc: 444.59 ug/ml m



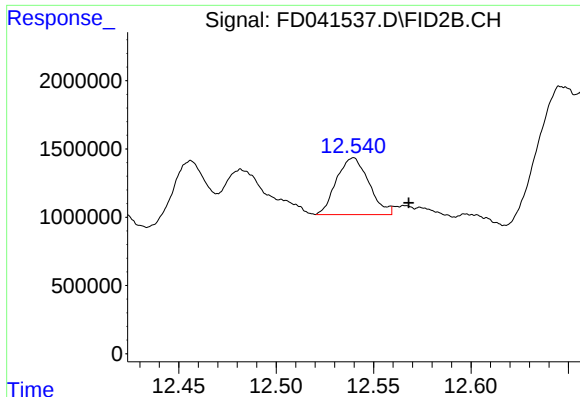
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.038 min
Response: 27787267
Conc: 158.42 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: 0.003 min
Response: 53926247
Conc: 320.96 ug/ml m



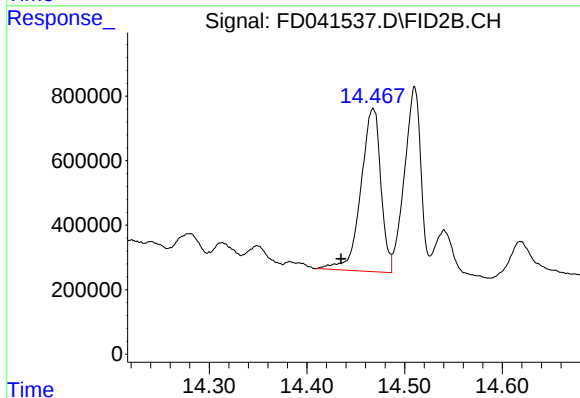
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.028 min
Response: 4815736
Conc: 28.72 ug/ml

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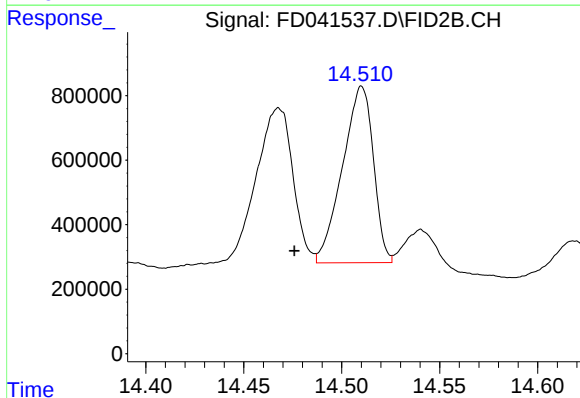
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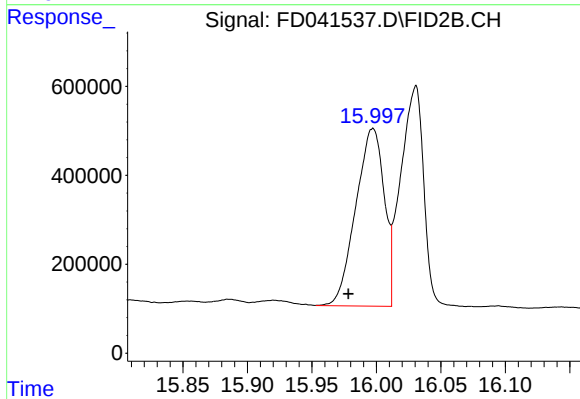
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.467 min
Delta R.T.: 0.032 min
Response: 7190811
Conc: 49.55 ug/ml



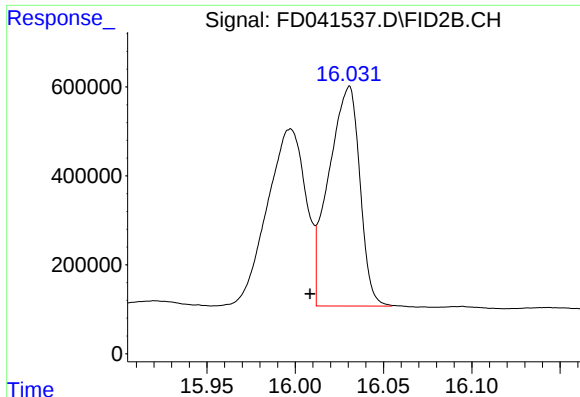
#15 Chrysene (C27.41)

R.T.: 14.510 min
Delta R.T.: 0.034 min
Response: 5997408
Conc: 36.42 ug/ml m



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

R.T.: 15.997 min
Delta R.T.: 0.019 min
Response: 6122205
Conc: 44.86 ug/ml



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

R.T.: 16.031 min
Delta R.T.: 0.022 min
Response: 6013241
Conc: 40.75 ug/ml

Instrument :

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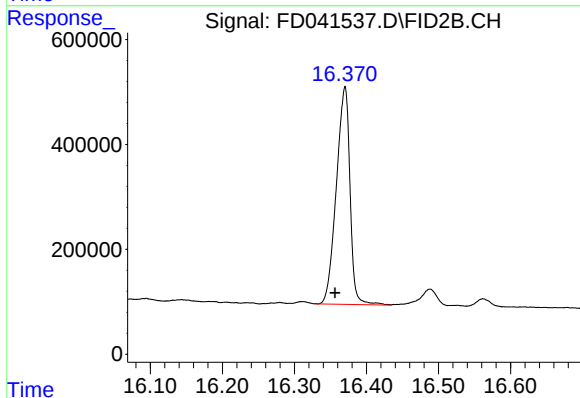
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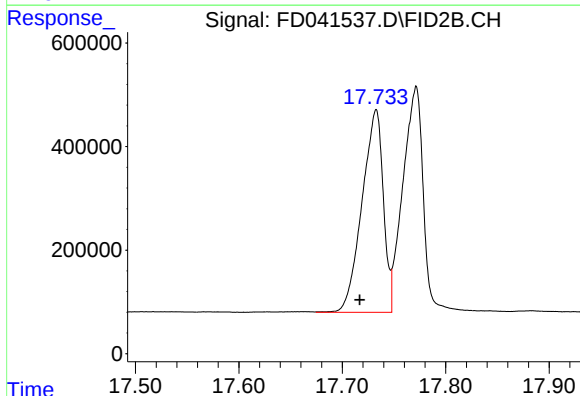
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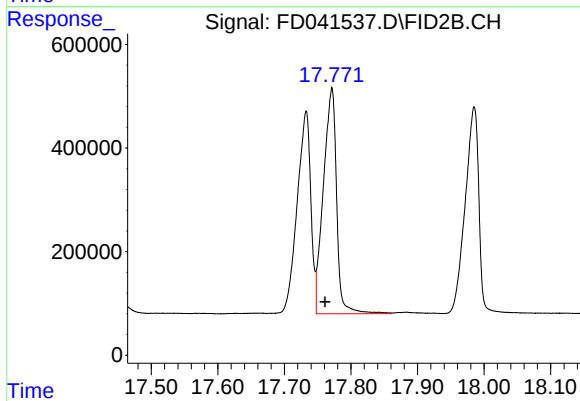
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.013 min
Response: 5465109
Conc: 41.56 ug/ml



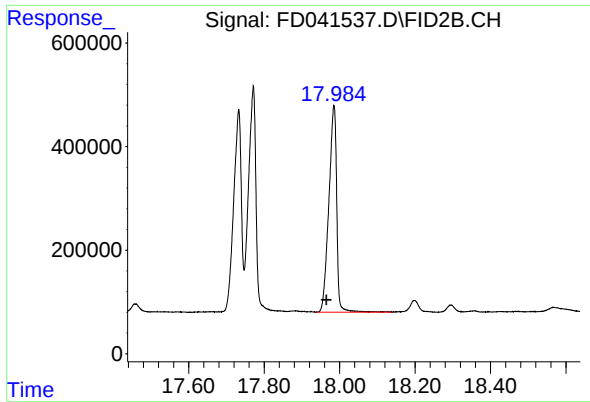
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.015 min
Response: 5587201
Conc: 44.57 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.010 min
Response: 6027612
Conc: 42.64 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.019 min
Response: 5793864
Conc: 44.75 ug/ml

Instrument :

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