

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031422AR\
 Data File : FD041536.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2022 20:41
 Operator : UA/NP
 Sample : N1837-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMS

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 02:18:34 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	7182760	44.454 ug/mlm
Spiked Amount 50.000		Recovery =	88.91%
6) S 2-Fluorobiphenyl (SURR)	8.206	85677277	823.062 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	1646.12%#
11) S ortho-Terphenyl (SURR)	11.212	28368362	161.732 ug/mlm
Spiked Amount 50.000		Recovery =	323.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	21354184	121.842 ug/ml
2) T Naphthalene (C11.7)	5.727	11585098	63.520 ug/mlm
3) T 2-Methylnaphthalene (...)	6.726	24310709	134.319 ug/mlm
5) T Acenaphthylene (C15.06)	8.016	8863256	49.579 ug/mlm
7) T Acenaphthene (C15.5)	8.296	6663061	34.858 ug/mlm
8) T Fluorene (C16.55)	9.113	120984794	706.524 ug/mlm
9) T Phenanthrene (C19.36)	10.438	31448258	191.419 ug/mlm
10) T Anthracene (C19.43)	10.589	71293997	445.806 ug/mlm
12) T Fluoranthene (C21.85)	12.278	52139761	310.328 ug/mlm
13) T Pyrene (C20.8)	12.540	5438611	32.439 ug/mlm
14) T Benzo[a]anthracene (C...	14.468	6927436	47.737 ug/mlm
15) T Chrysene (C27.41)	14.512	6208886	37.704 ug/mlm
16) T benzo[b]fluoranthene ...	15.998	6030282	44.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	5941179	40.260 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.371	5298841	40.298 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.733	5468893	43.626 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	5876285	41.571 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	5627266	43.462 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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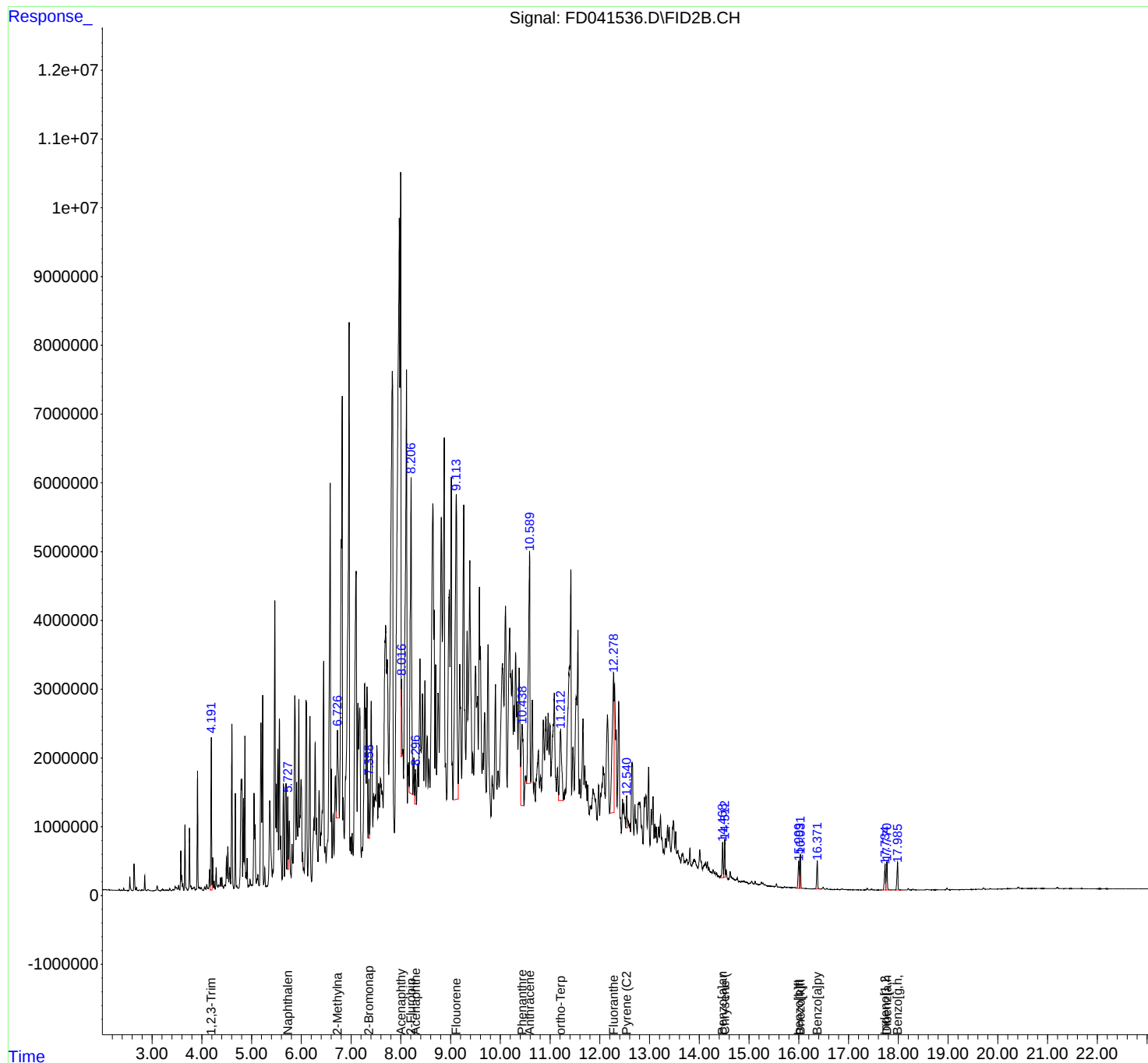
Response via : Initial Calibration

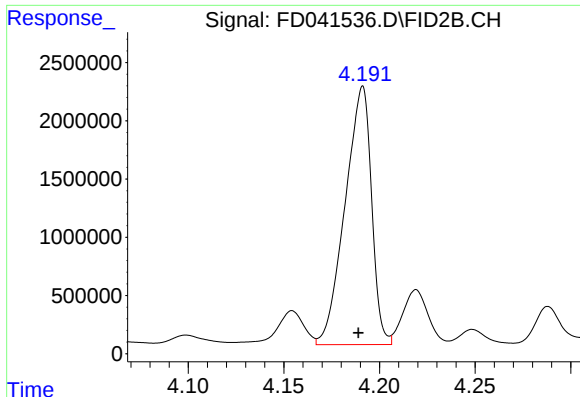
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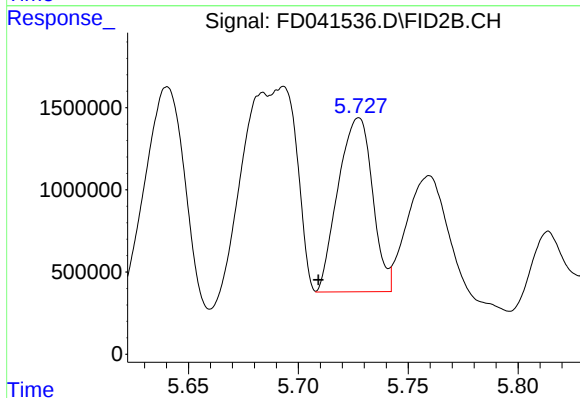
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: 0.001 min
Response: 21354184
Conc: 121.84 ug/ml

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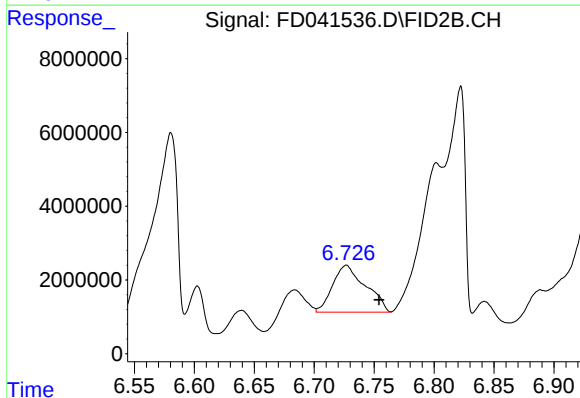
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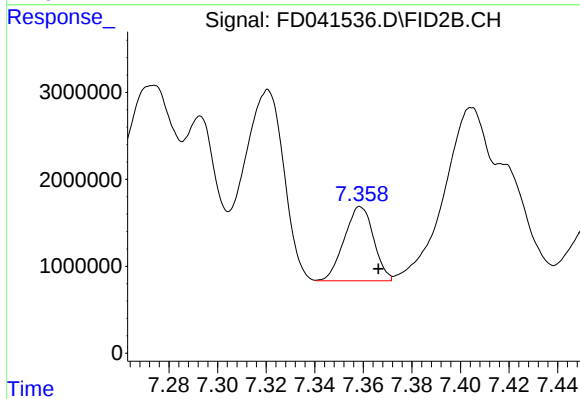
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.018 min
Response: 11585098
Conc: 63.52 ug/ml m



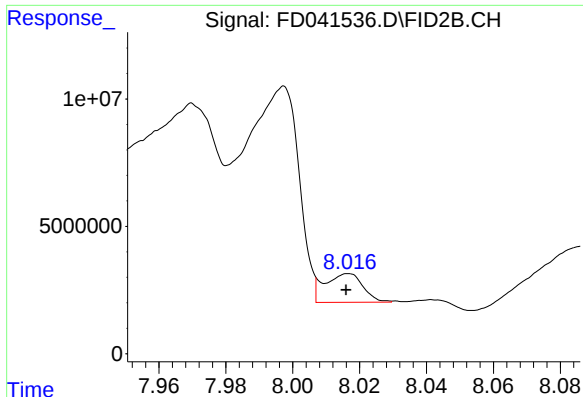
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.726 min
Delta R.T.: -0.028 min
Response: 24310709
Conc: 134.32 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 7182760
Conc: 44.45 ug/ml m



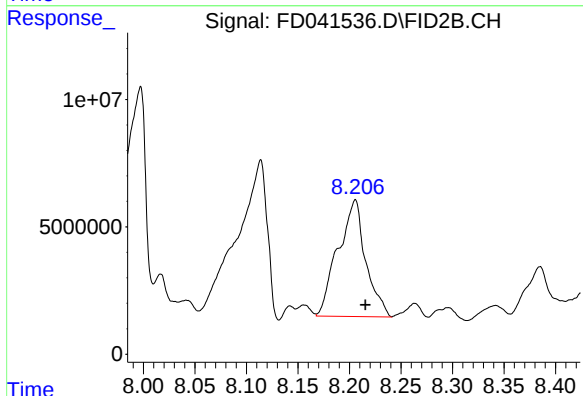
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 8863256
Conc: 49.58 ug/ml

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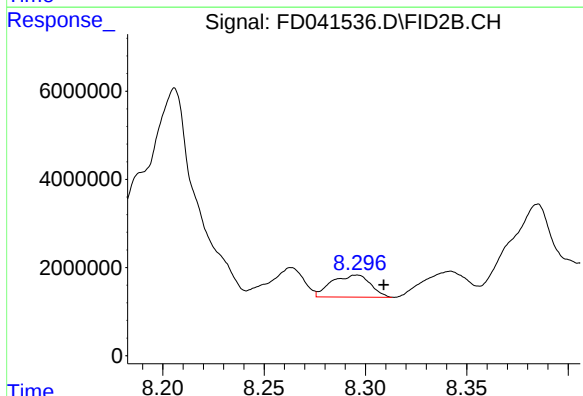
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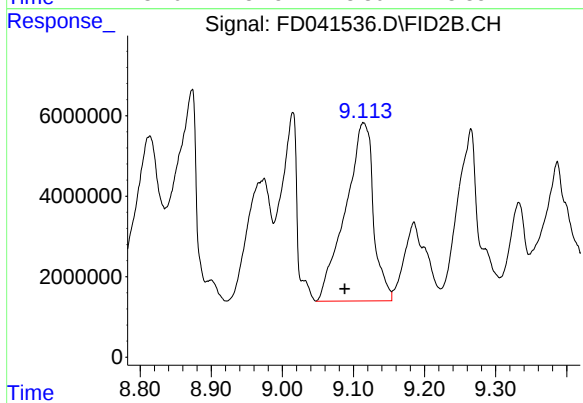
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.010 min
Response: 85677277
Conc: 823.06 ug/ml m



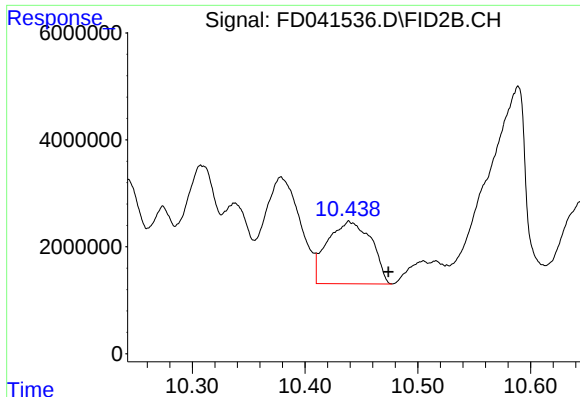
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.013 min
Response: 6663061
Conc: 34.86 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.113 min
Delta R.T.: 0.026 min
Response: 120984794
Conc: 706.52 ug/ml m



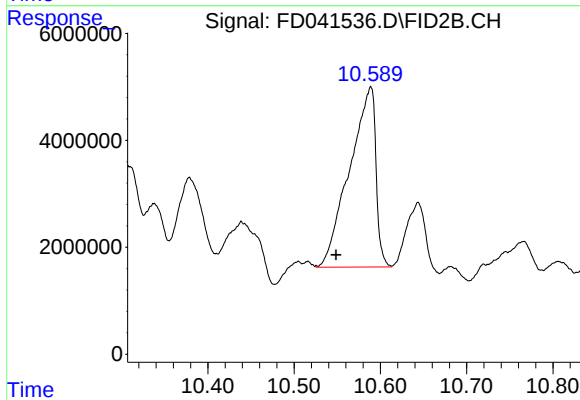
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.035 min
Response: 31448258
Conc: 191.42 ug/ml

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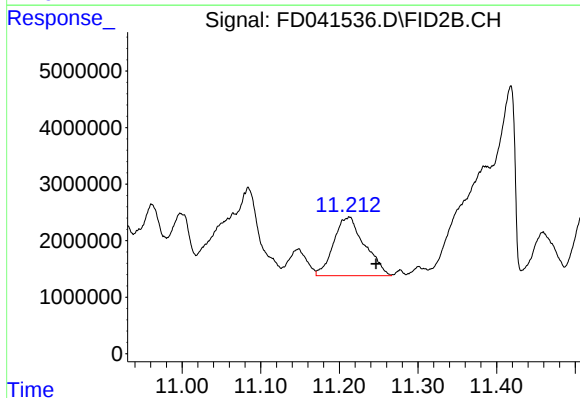
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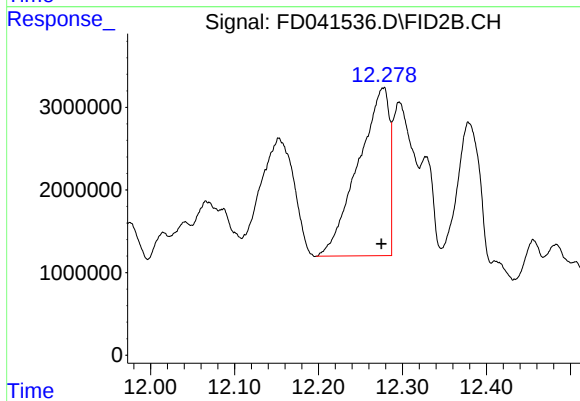
#10 Anthracene (C19.43)

R.T.: 10.589 min
Delta R.T.: 0.040 min
Response: 71293997
Conc: 445.81 ug/ml m



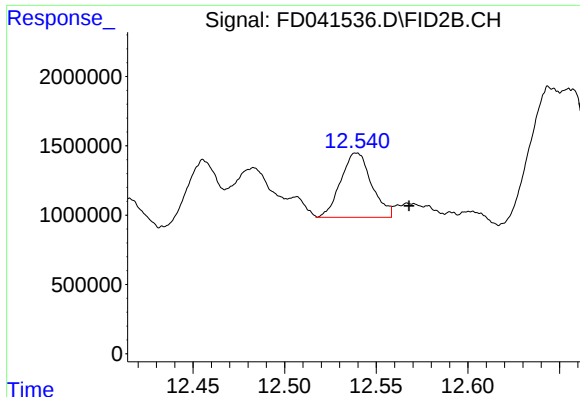
#11 ortho-Terphenyl (SURR)

R.T.: 11.212 min
Delta R.T.: -0.035 min
Response: 28368362
Conc: 161.73 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: 0.004 min
Response: 52139761
Conc: 310.33 ug/ml m



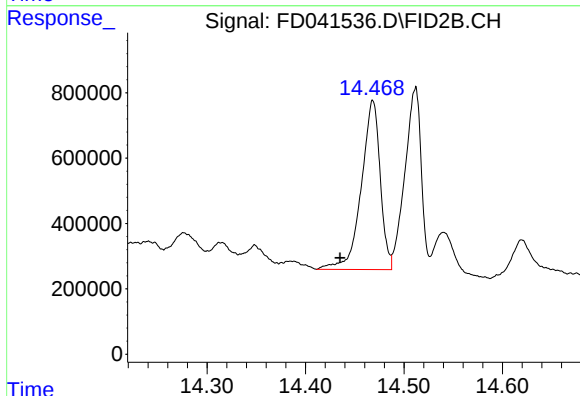
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.028 min
Response: 5438611
Conc: 32.44 ug/ml

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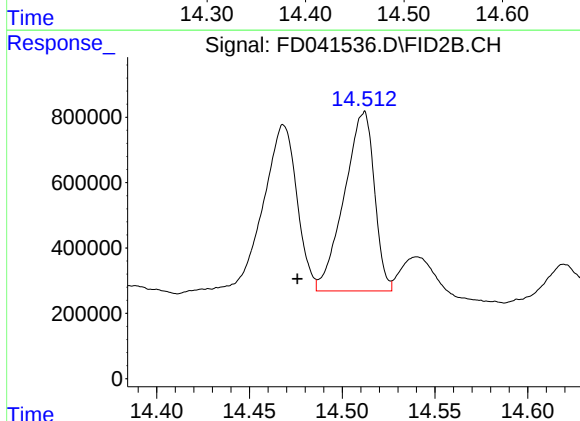
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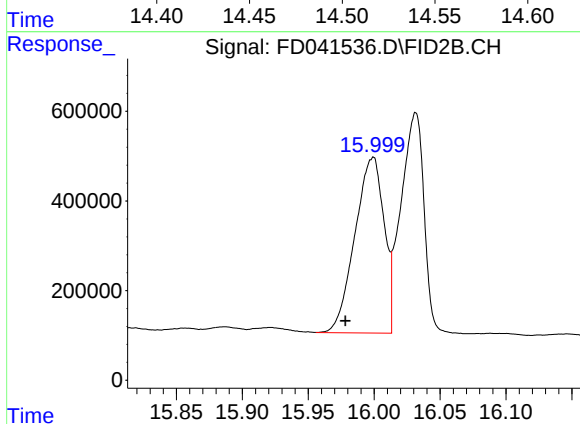
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: 0.032 min
Response: 6927436
Conc: 47.74 ug/ml m



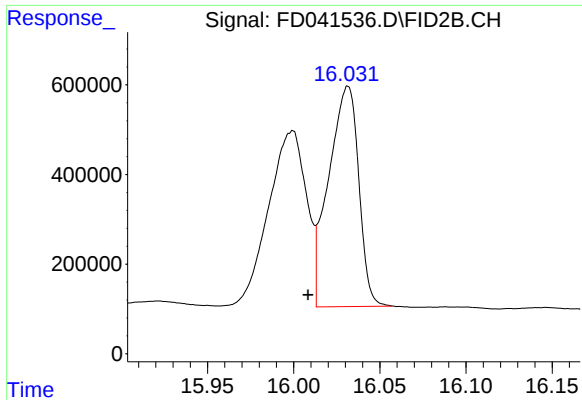
#15 Chrysene (C27.41)

R.T.: 14.512 min
Delta R.T.: 0.036 min
Response: 6208886
Conc: 37.70 ug/ml m



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

R.T.: 15.998 min
Delta R.T.: 0.020 min
Response: 6030282
Conc: 44.18 ug/ml



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

R.T.: 16.031 min
Delta R.T.: 0.022 min
Response: 5941179
Conc: 40.26 ug/ml

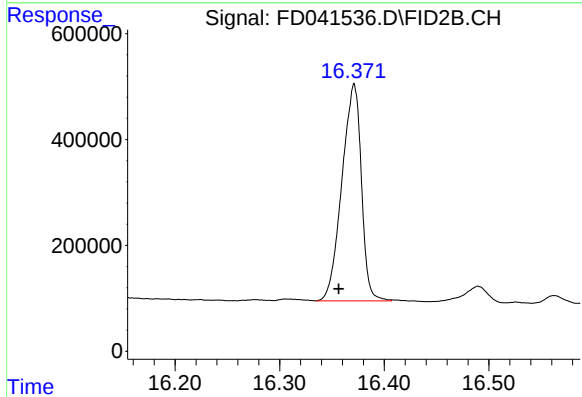
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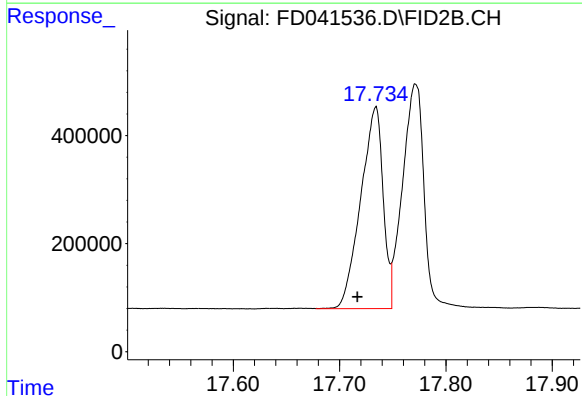
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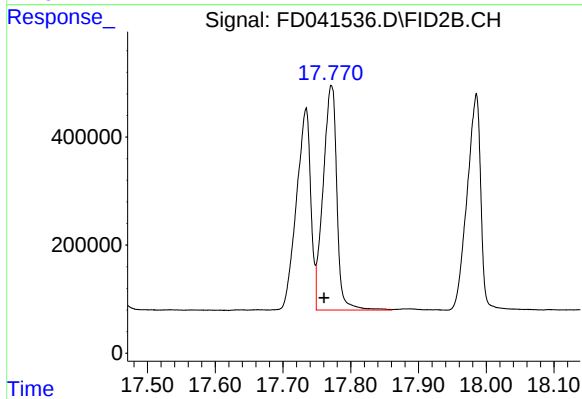
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.015 min
Response: 5298841
Conc: 40.30 ug/ml m



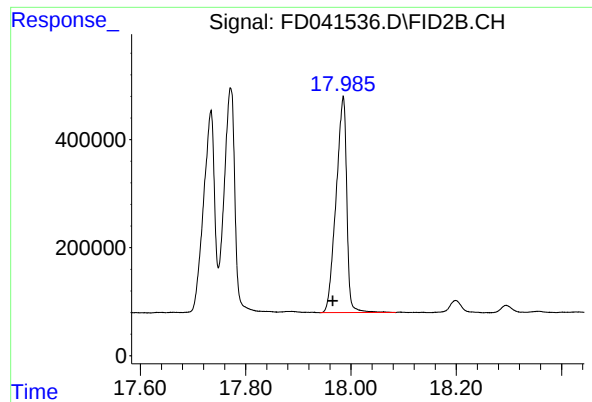
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.016 min
Response: 5468893
Conc: 43.63 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.010 min
Response: 5876285
Conc: 41.57 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.019 min
Response: 5627266
Conc: 43.46 ug/ml

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