

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031422AR\
 Data File : FD041533.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2022 18:44
 Operator : UA/NP
 Sample : PB143310BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143310BSD

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 02:17:48 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...	7.361	7367416	45.597 ug/ml
Spiked Amount 50.000		Recovery =	91.19%
6) S 2-Fluorobiphenyl (SURR)	8.211	4811435	46.221 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.44%
11) S ortho-Terphenyl (SURR)	11.244	6555712	37.375 ug/ml
Spiked Amount 50.000		Recovery =	74.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	5799654	33.091 ug/ml
2) T Naphthalene (C11.7)	5.704	6579755	36.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	6815500	37.656 ug/ml
5) T Acenaphthylene (C15.06)	8.014	6634217	37.110 ug/ml
7) T Acenaphthene (C15.5)	8.309	7133598	37.320 ug/ml
8) T Flouorene (C16.55)	9.087	6854168	40.027 ug/ml
9) T Phenanthrene (C19.36)	10.474	6646828	40.458 ug/ml
10) T Anthracene (C19.43)	10.548	6580032	41.145 ug/ml
12) T Fluoranthene (C21.85)	12.277	6458887	38.442 ug/ml
13) T Pyrene (C20.8)	12.570	6210038	37.041 ug/ml
14) T Benzo[a]anthracene (C...	14.440	5902556	40.674 ug/ml
15) T Chrysene (C27.41)	14.482	5856739	35.566 ug/ml
16) T benzo[b]fluoranthene ...	15.988	6054573	44.362 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	6088537	41.259 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	5459706	41.522 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	5627844	44.894 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	5723197	40.488 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	5848918	45.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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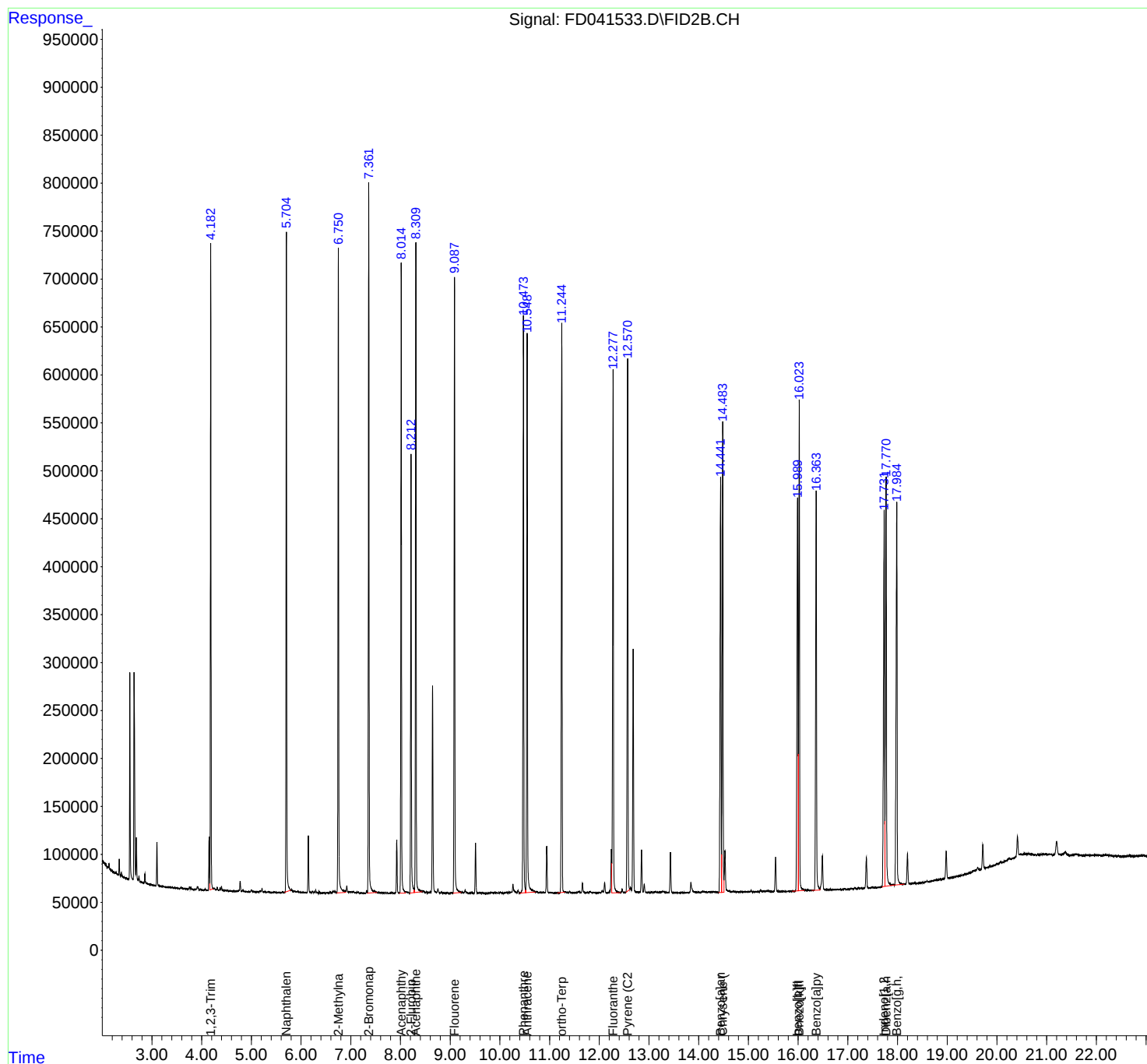
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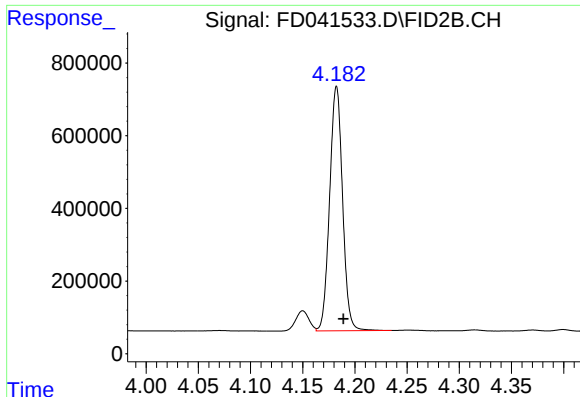
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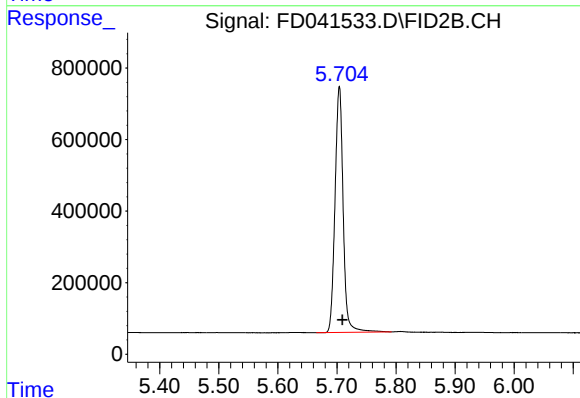
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.182 min
Delta R.T.: -0.007 min
Response: 5799654
Conc: 33.09 ug/ml

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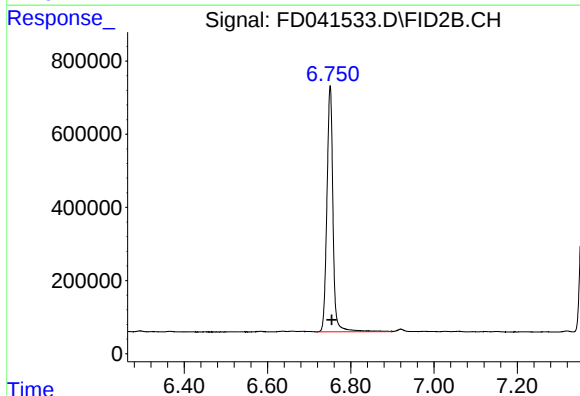
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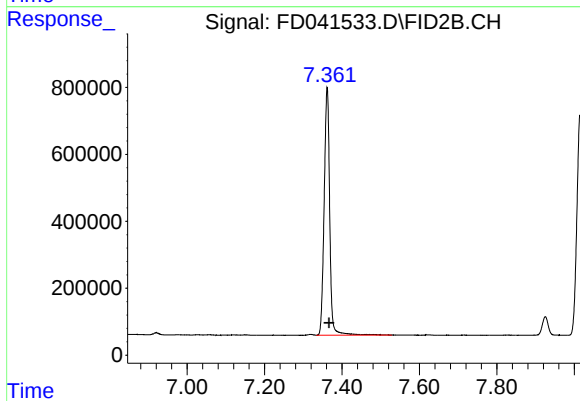
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 6579755
Conc: 36.08 ug/ml



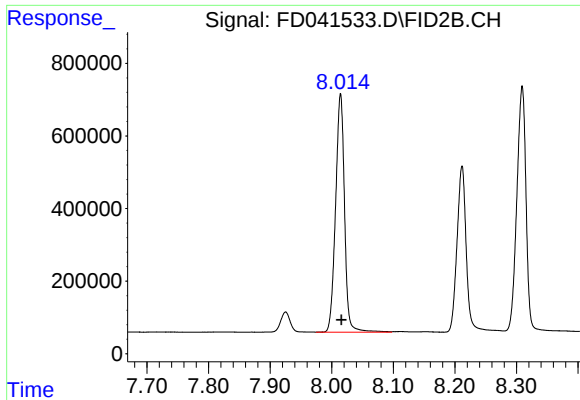
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 6815500
Conc: 37.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.005 min
Response: 7367416
Conc: 45.60 ug/ml



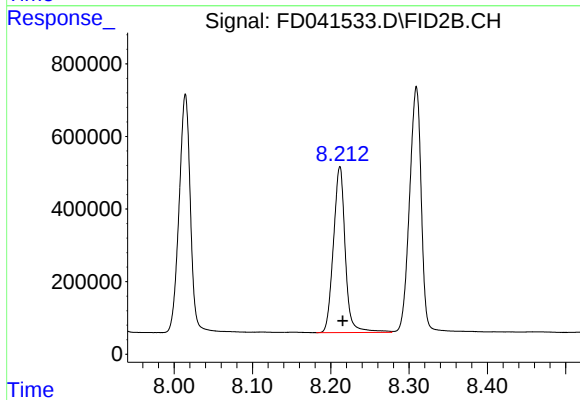
#5 Acenaphthylene (C15.06)

R.T.: 8.014 min
Delta R.T.: -0.002 min
Response: 6634217
Conc: 37.11 ug/ml

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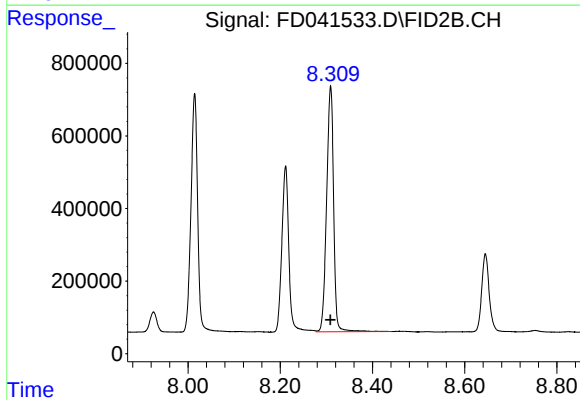
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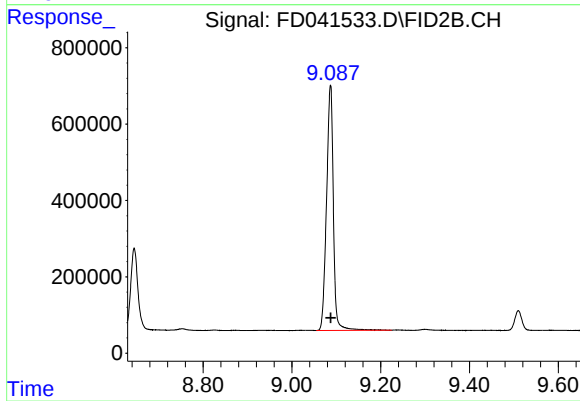
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.004 min
Response: 4811435
Conc: 46.22 ug/ml



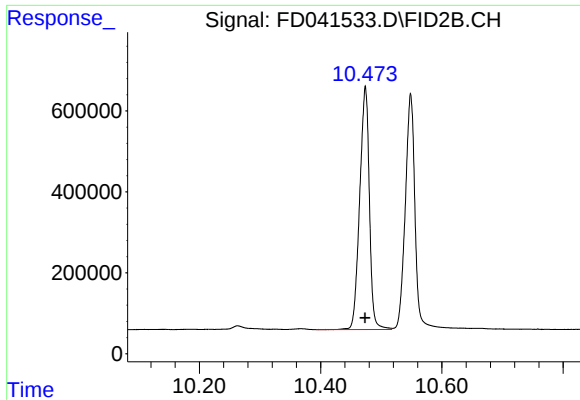
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 7133598
Conc: 37.32 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 6854168
Conc: 40.03 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.000 min
Response: 6646828
Conc: 40.46 ug/ml

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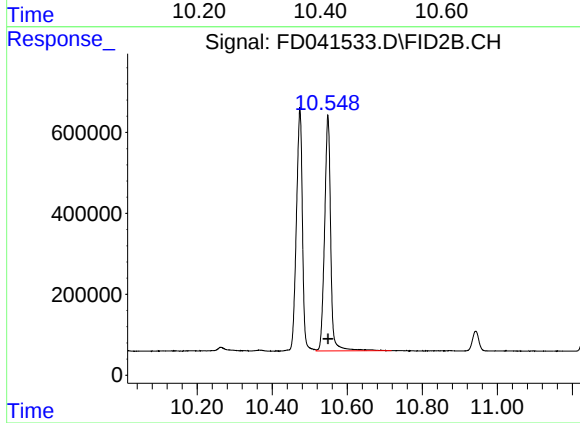
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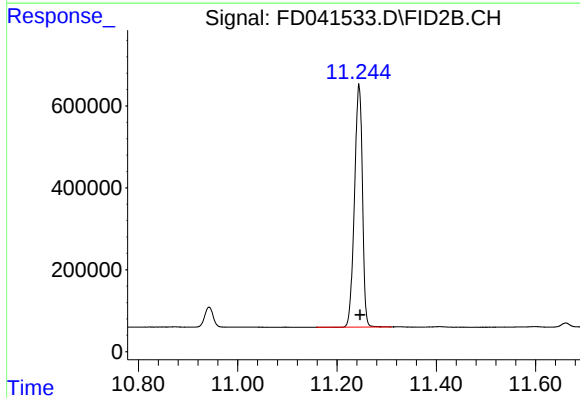
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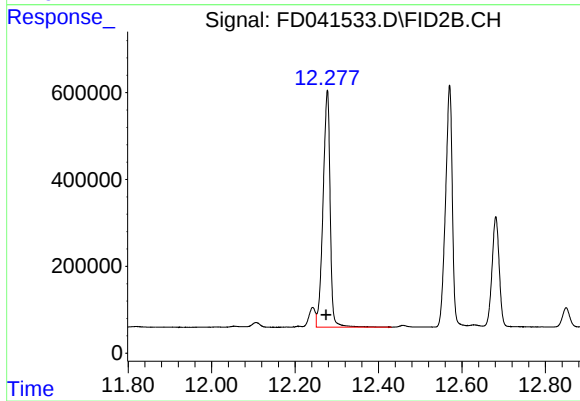
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 6580032
Conc: 41.15 ug/ml



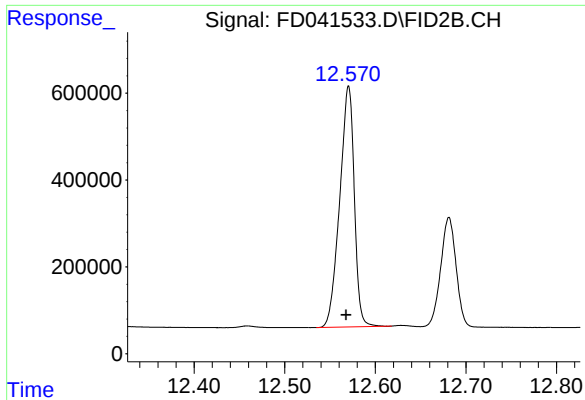
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 6555712
Conc: 37.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: 0.002 min
Response: 6458887
Conc: 38.44 ug/ml



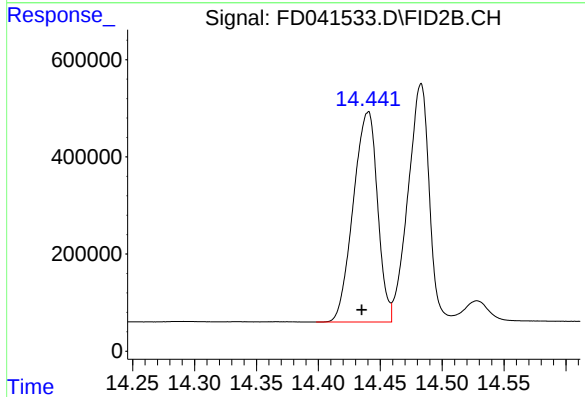
#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: 0.002 min
Response: 6210038
Conc: 37.04 ug/ml

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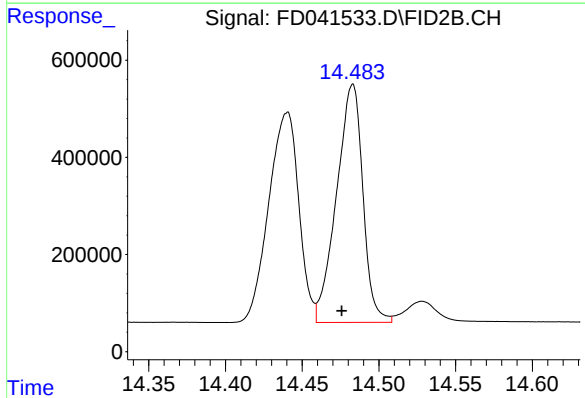
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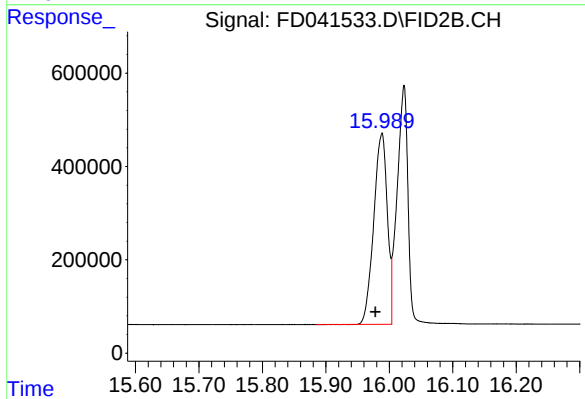
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.005 min
Response: 5902556
Conc: 40.67 ug/ml



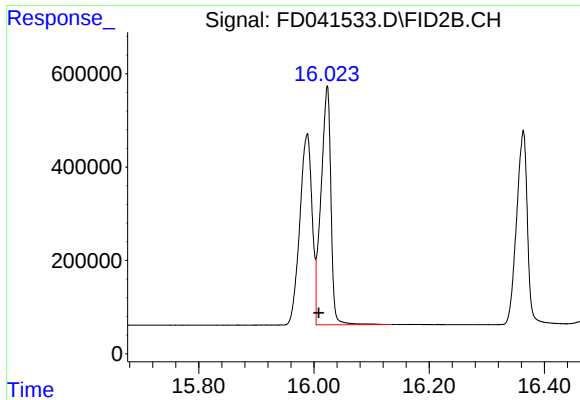
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.007 min
Response: 5856739
Conc: 35.57 ug/ml



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

R.T.: 15.988 min
Delta R.T.: 0.010 min
Response: 6054573
Conc: 44.36 ug/ml



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

R.T.: 16.023 min
Delta R.T.: 0.014 min
Response: 6088537
Conc: 41.26 ug/ml

Instrument :

FID_D

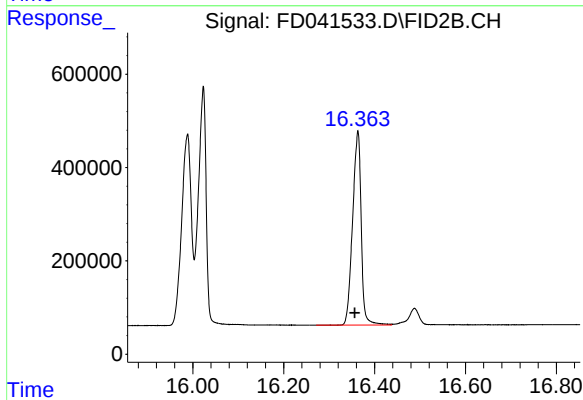
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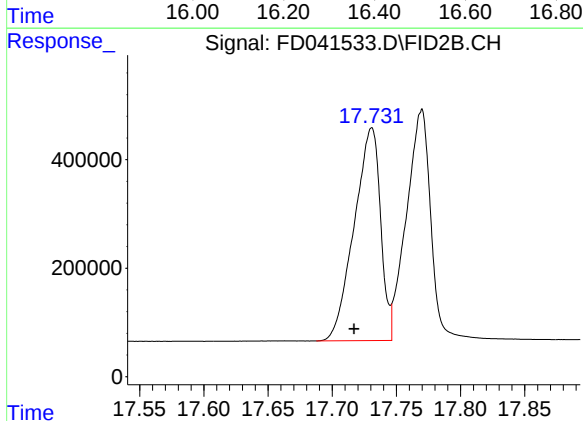
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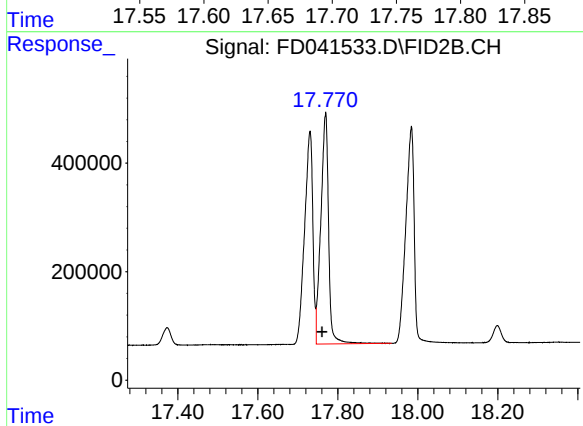
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.006 min
Response: 5459706
Conc: 41.52 ug/ml



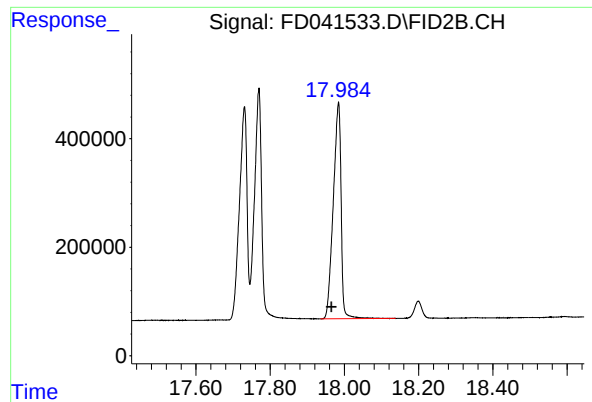
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.014 min
Response: 5627844
Conc: 44.89 ug/ml m



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

R.T.: 17.769 min
Delta R.T.: 0.008 min
Response: 5723197
Conc: 40.49 ug/ml



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

R.T.: 17.983 min
Delta R.T.: 0.018 min
Response: 5848918
Conc: 45.17 ug/ml

Instrument :

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