

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041547.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 13:41
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/16/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 15 22:41:49 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...	7.357	3202831	19.822 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
6) S 2-Fluorobiphenyl (SURR)	8.205	2013566	19.343 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.69%
11) S ortho-Terphenyl (SURR)	11.237	3454082	19.692 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	3620628	20.658 ug/ml
2) T Naphthalene (C11.7)	5.700	3691365	20.239 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	3543846	19.580 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3523050	19.707 ug/ml
7) T Acenaphthene (C15.5)	8.302	3882489	20.311 ug/ml
8) T Flouorene (C16.55)	9.079	3353994	19.587 ug/ml
9) T Phenanthrene (C19.36)	10.465	3174566	19.323 ug/ml
10) T Anthracene (C19.43)	10.540	3166951	19.803 ug/ml
12) T Fluoranthene (C21.85)	12.267	3078538	18.323 ug/ml
13) T Pyrene (C20.8)	12.560	3044365	18.159 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2729610	18.810 ug/ml
15) T Chrysene (C27.41)	14.470	3207845	19.480 ug/ml
16) T benzo[b]fluoranthene ...	15.975	2885802	21.144 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	3138324	21.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.350	2856320	21.723 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.714	2657922	21.203 ug/mlm
20) T Dibenz[a,h]anthracene...	17.754	3135177	22.180 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	2899289	22.393 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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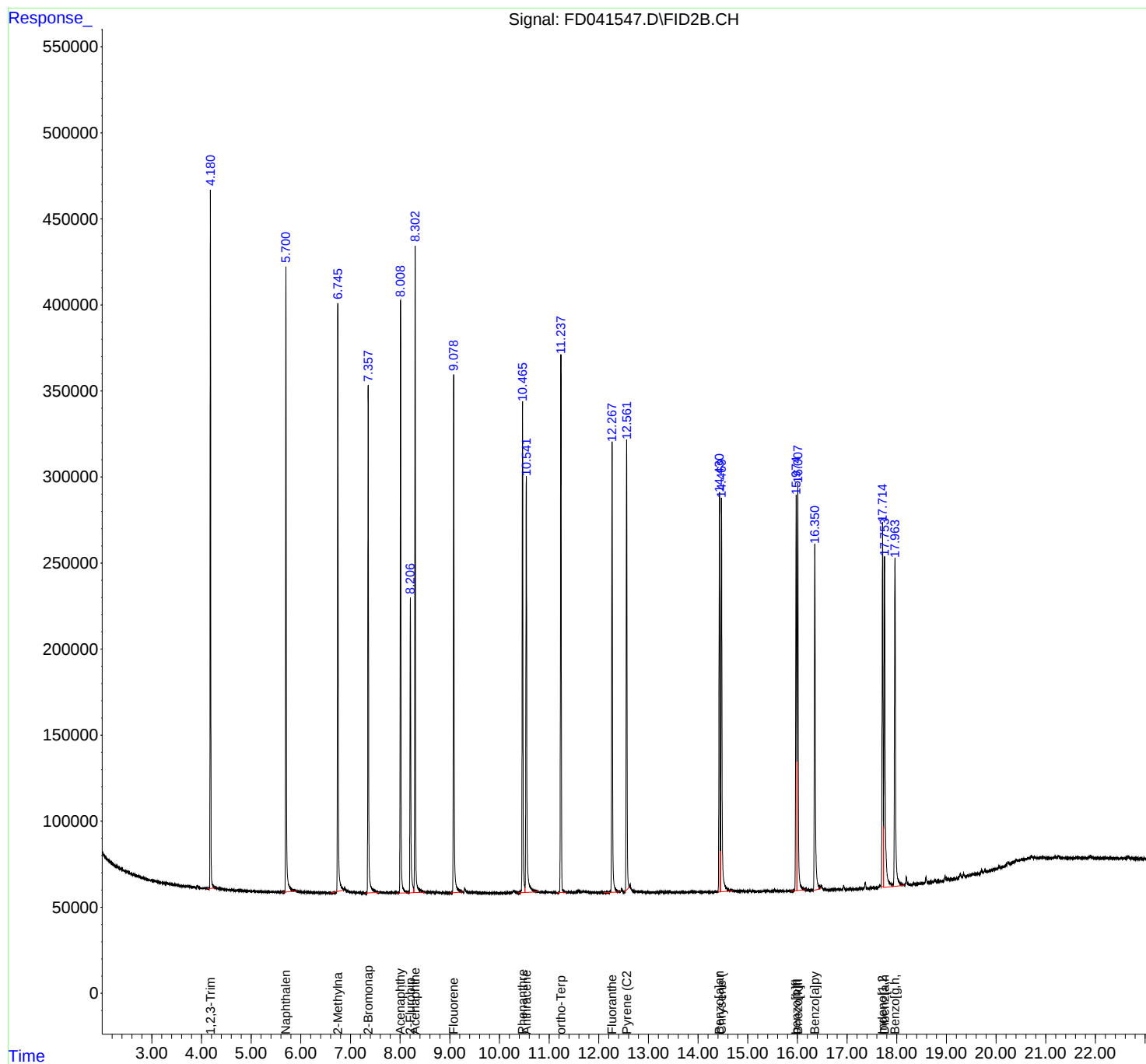
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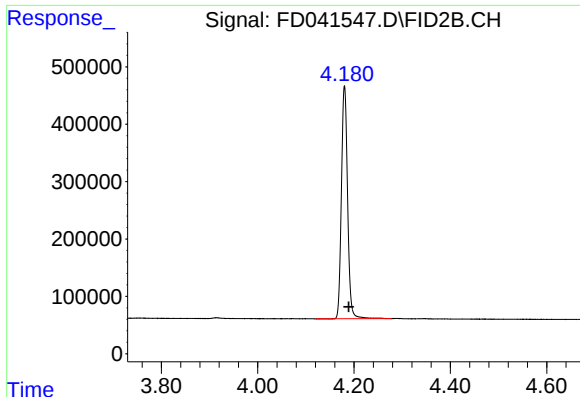
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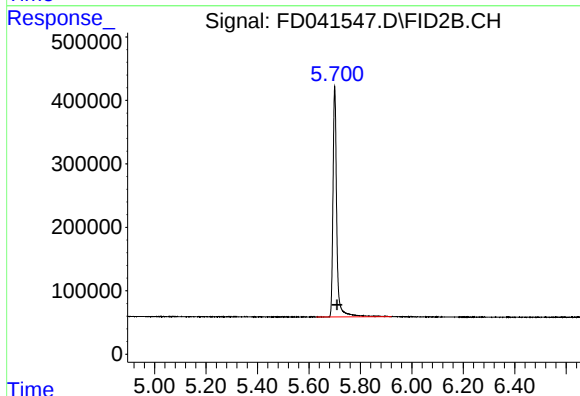
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: -0.009 min
Response: 3620628
Conc: 20.66 ug/ml

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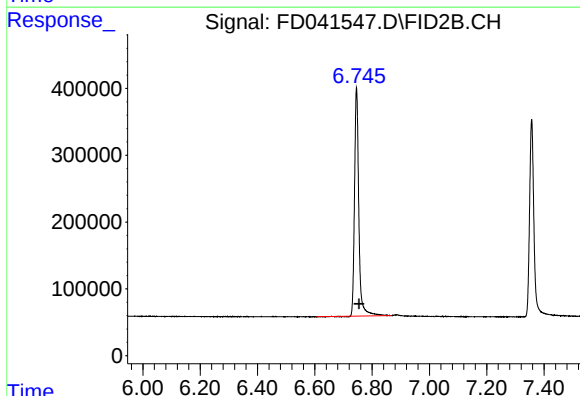
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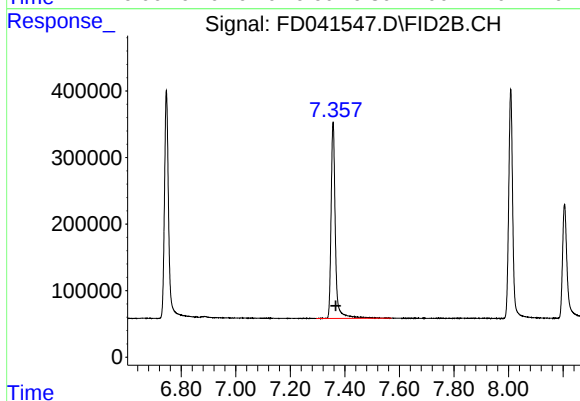
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.009 min
Response: 3691365
Conc: 20.24 ug/ml



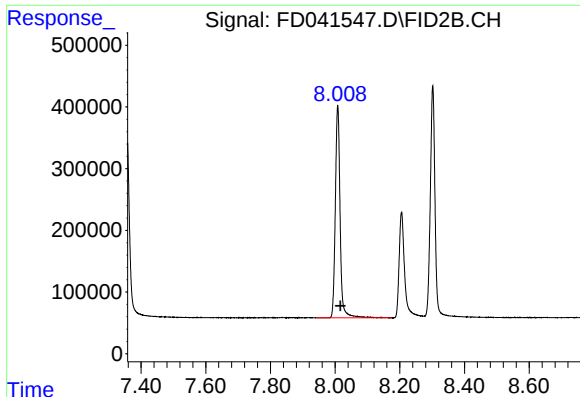
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 3543846
Conc: 19.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 3202831
Conc: 19.82 ug/ml



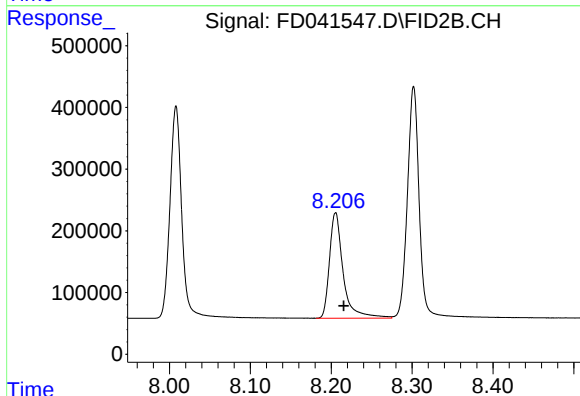
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.008 min
Response: 3523050
Conc: 19.71 ug/ml

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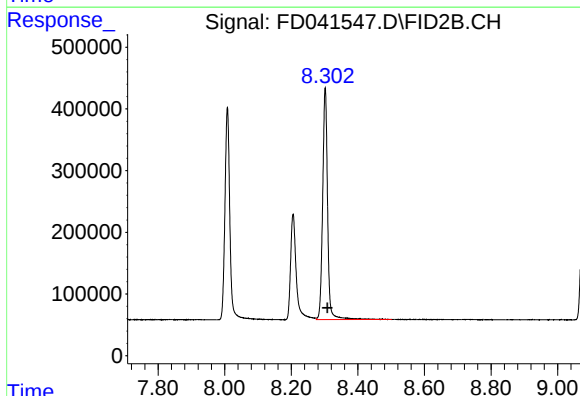
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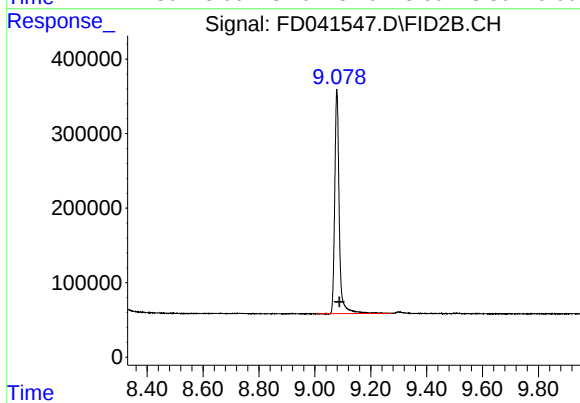
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.010 min
Response: 2013566
Conc: 19.34 ug/ml



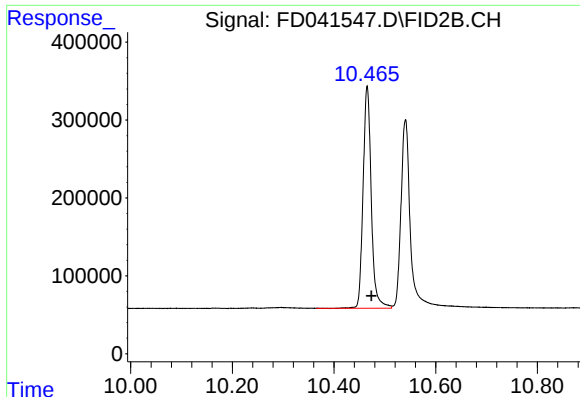
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 3882489
Conc: 20.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 3353994
Conc: 19.59 ug/ml



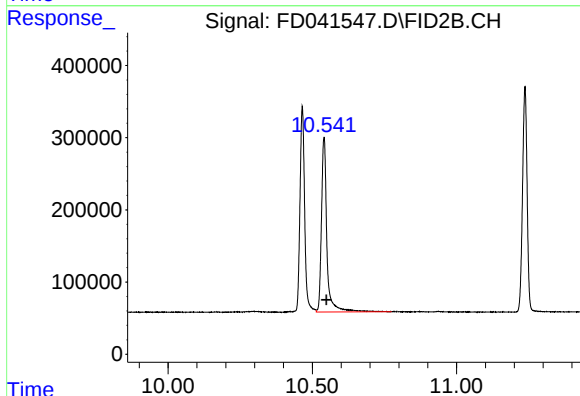
#9 Phenanthrene (C19.36)

R.T.: 10.465 min
Delta R.T.: -0.009 min
Response: 3174566
Conc: 19.32 ug/ml

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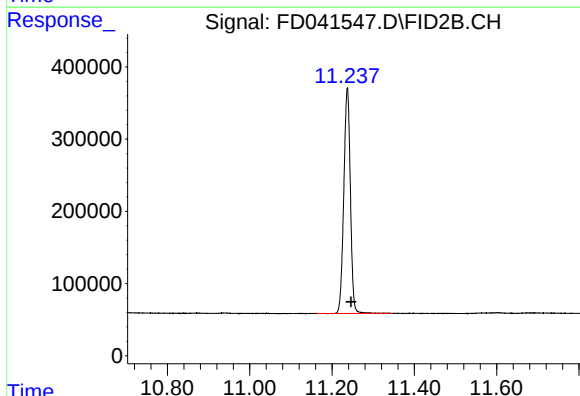
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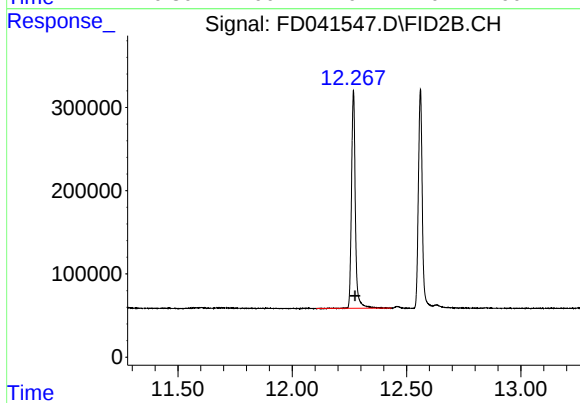
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: -0.008 min
Response: 3166951
Conc: 19.80 ug/ml



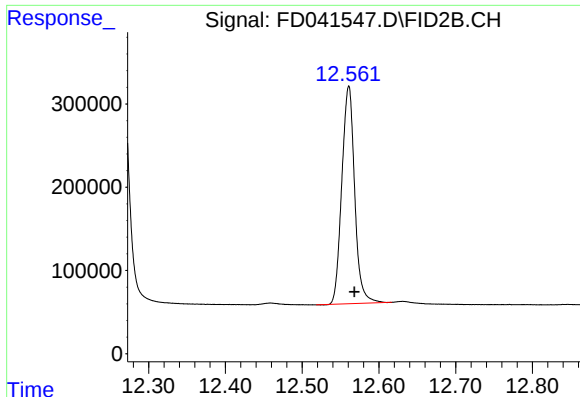
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.010 min
Response: 3454082
Conc: 19.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: -0.007 min
Response: 3078538
Conc: 18.32 ug/ml



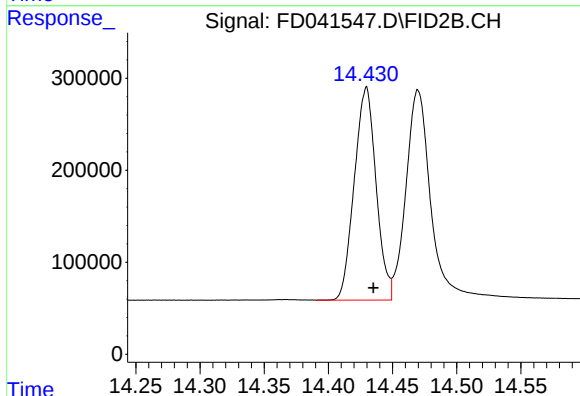
#13 Pyrene (C20.8)

R.T.: 12.560 min
Delta R.T.: -0.008 min
Response: 3044365
Conc: 18.16 ug/ml

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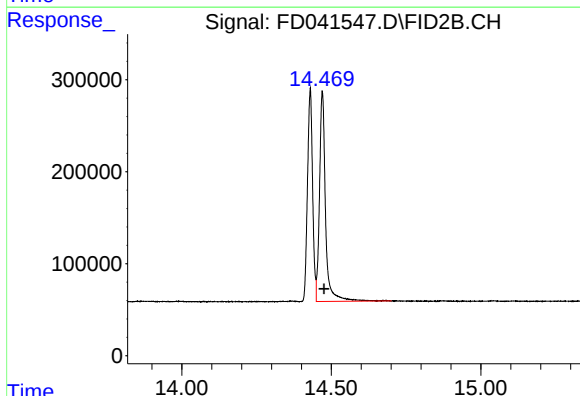
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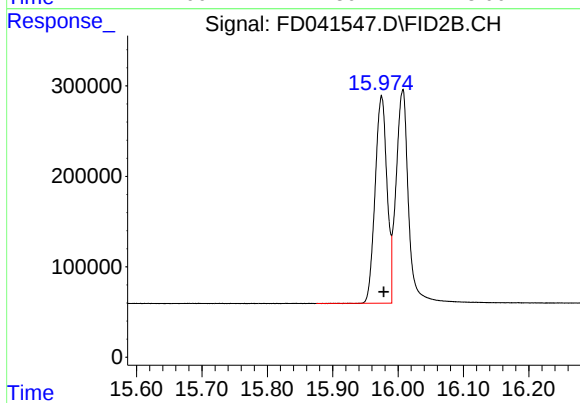
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: -0.006 min
Response: 2729610
Conc: 18.81 ug/ml



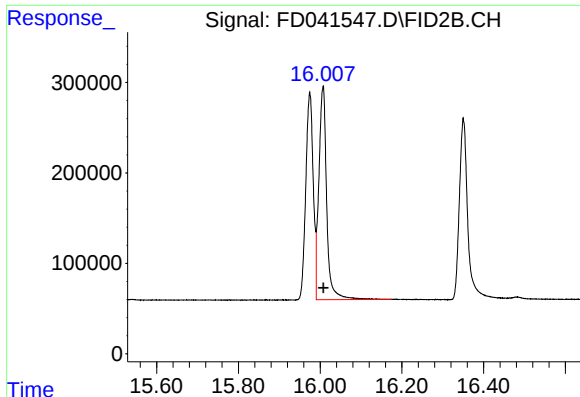
#15 Chrysene (C27.41)

R.T.: 14.470 min
Delta R.T.: -0.006 min
Response: 3207845
Conc: 19.48 ug/ml



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

R.T.: 15.975 min
Delta R.T.: -0.004 min
Response: 2885802
Conc: 21.14 ug/ml



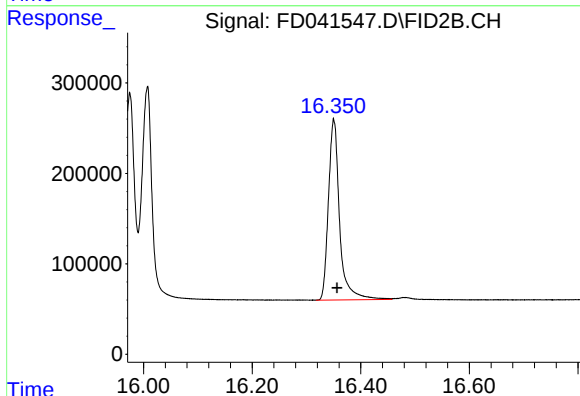
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 3138324
Conc: 21.27 ug/ml

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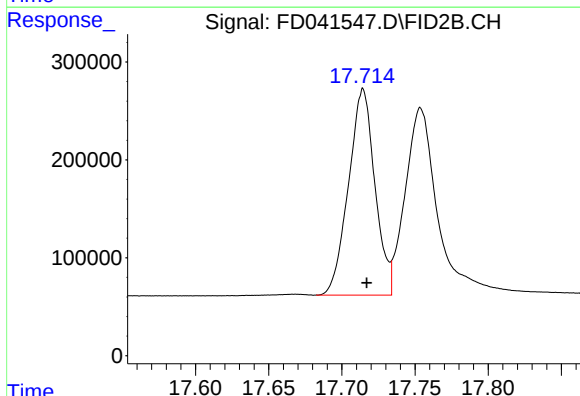
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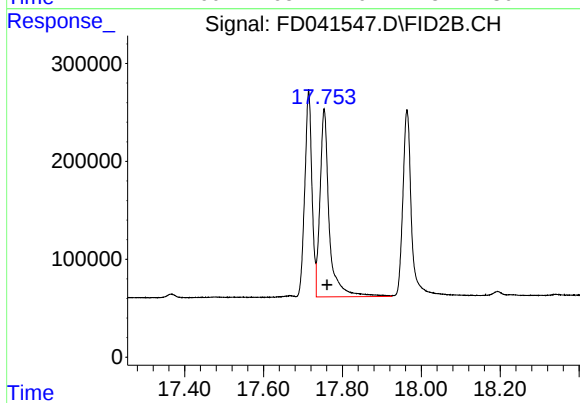
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.350 min
Delta R.T.: -0.007 min
Response: 2856320
Conc: 21.72 ug/ml m



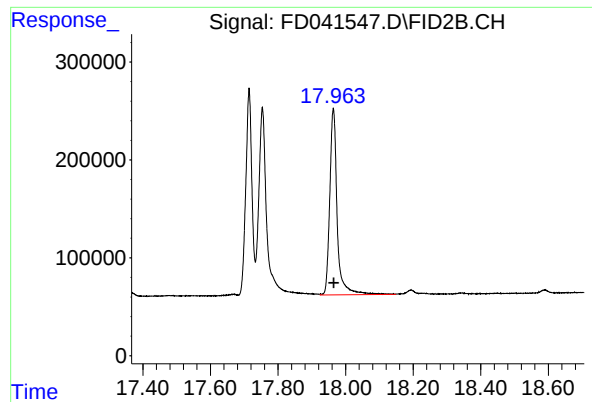
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.714 min
Delta R.T.: -0.003 min
Response: 2657922
Conc: 21.20 ug/ml m



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

R.T.: 17.754 min
Delta R.T.: -0.007 min
Response: 3135177
Conc: 22.18 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.002 min
Response: 2899289
Conc: 22.39 ug/ml

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