

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041617.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 23:50
 Operator : UA/NP
 Sample : N1956-03MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TPK-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: autoint1.e
 Quant Time: Mar 18 04:01:07 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...	7.355	6980146	43.200 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
6) S 2-Fluorobiphenyl (SURR)	8.204	4479665	43.034 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.07%
11) S ortho-Terphenyl (SURR)	11.237	6955859	39.656 ug/ml
Spiked Amount 50.000		Recovery =	79.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	3803467	21.702 ug/ml
2) T Naphthalene (C11.7)	5.698	4831989	26.493 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	5355416	29.589 ug/ml
5) T Acenaphthylene (C15.06)	8.007	5732329	32.065 ug/ml
7) T Acenaphthene (C15.5)	8.301	6472214	33.860 ug/ml
8) T Flouorene (C16.55)	9.078	6433017	37.567 ug/ml
9) T Phenanthrene (C19.36)	10.466	6490448	39.506 ug/ml
10) T Anthracene (C19.43)	10.541	6509842	40.706 ug/ml
12) T Fluoranthene (C21.85)	12.268	6679554	39.756 ug/ml
13) T Pyrene (C20.8)	12.561	6189895	36.920 ug/ml
14) T Benzo[a]anthracene (C...	14.432	5858771	40.372 ug/mlm
15) T Chrysene (C27.41)	14.473	5908020	35.877 ug/mlm
16) T benzo[b]fluoranthene ...	15.978	5864224	42.967 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	6091741	41.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	5270388	40.082 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	5235405	41.764 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	5742596	40.626 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	5532540	42.731 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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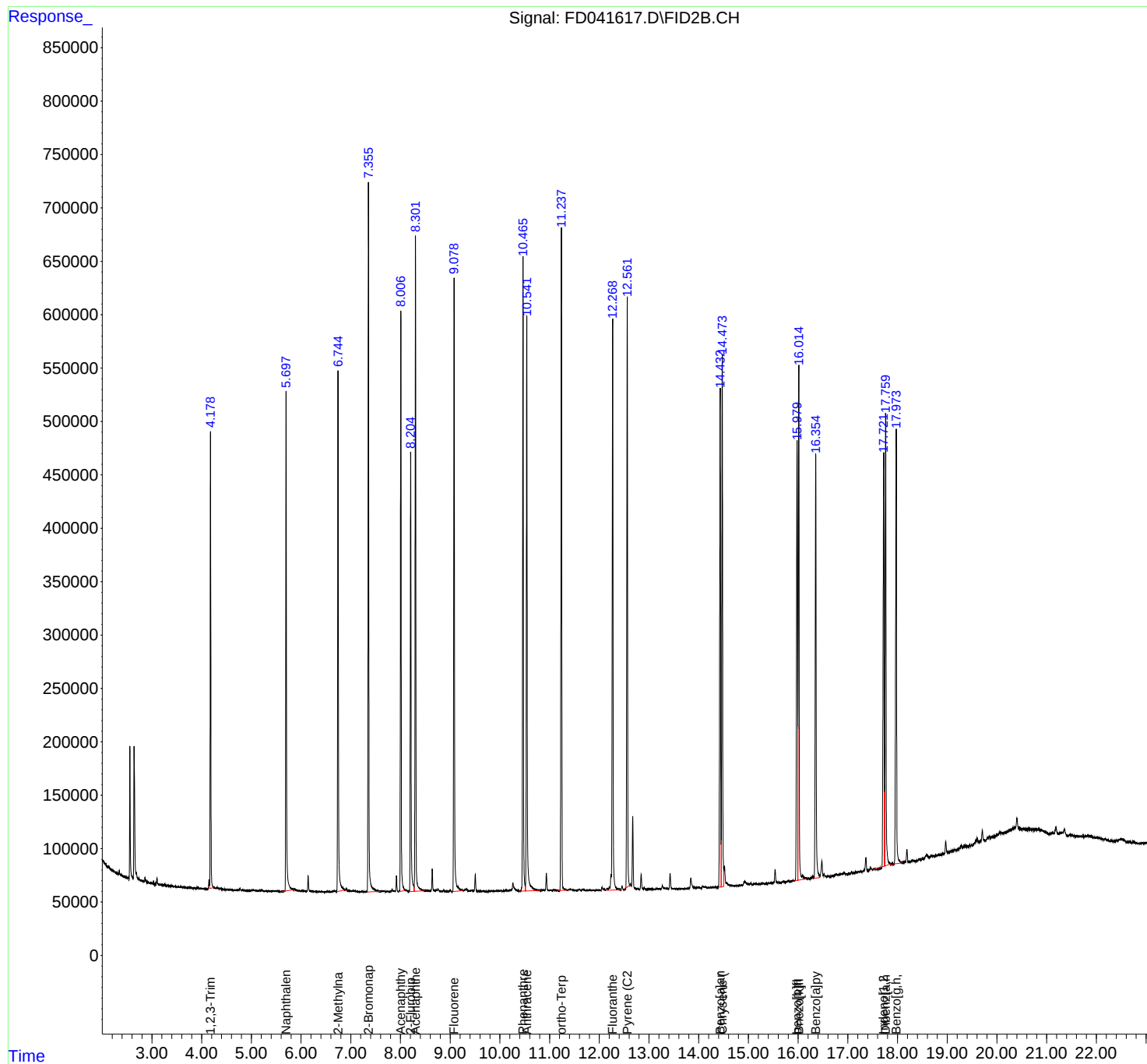
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TPK-3MS

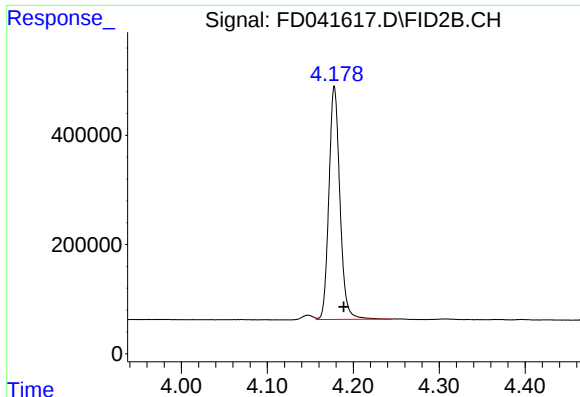
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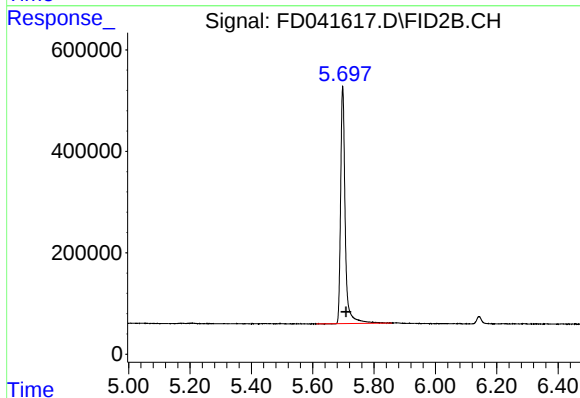
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: -0.011 min
Response: 3803467
Conc: 21.70 ug/ml

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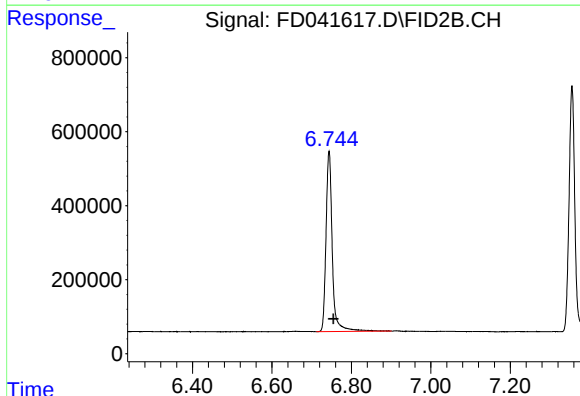
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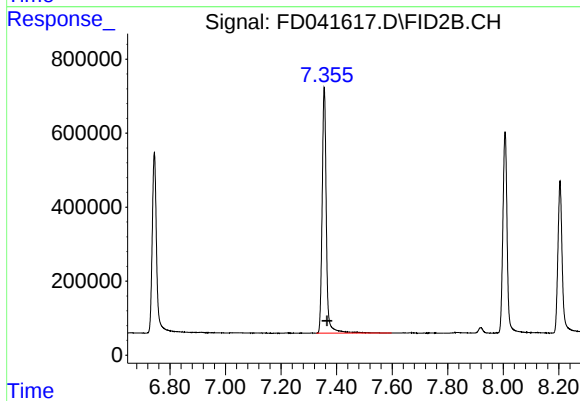
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 4831989
Conc: 26.49 ug/ml



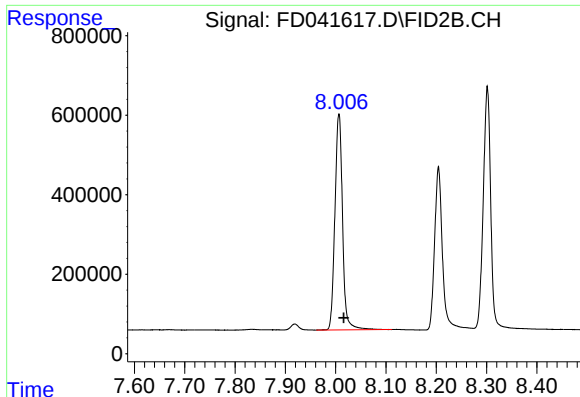
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 5355416
Conc: 29.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 6980146
Conc: 43.20 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: -0.009 min
Response: 5732329
Conc: 32.07 ug/ml

Instrument :

FID_D

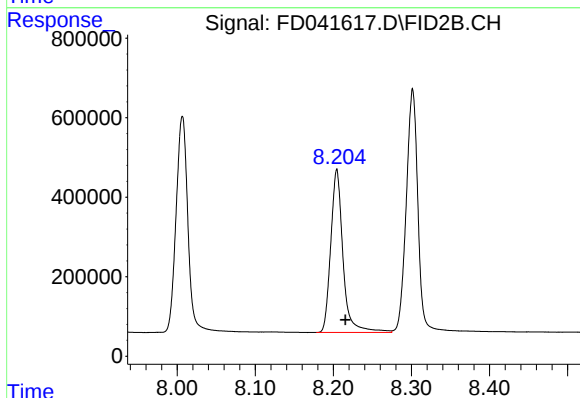
ClientSampleId :

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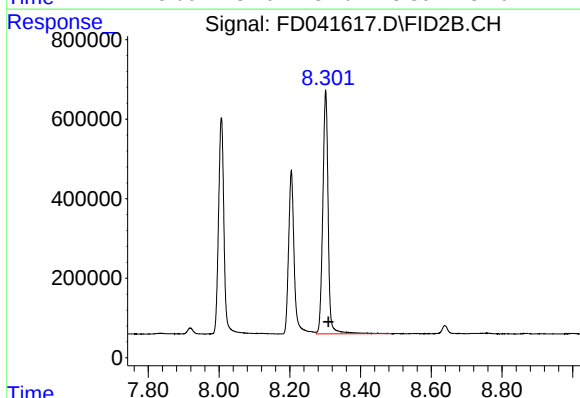
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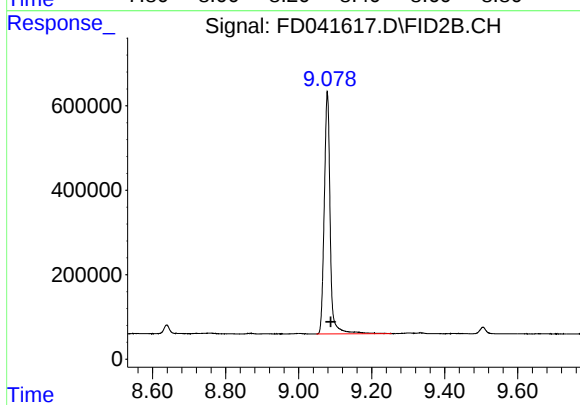
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min
Delta R.T.: -0.011 min
Response: 4479665
Conc: 43.03 ug/ml



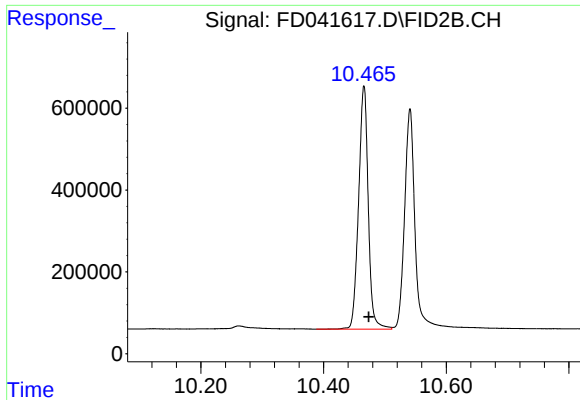
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.008 min
Response: 6472214
Conc: 33.86 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 6433017
Conc: 37.57 ug/ml



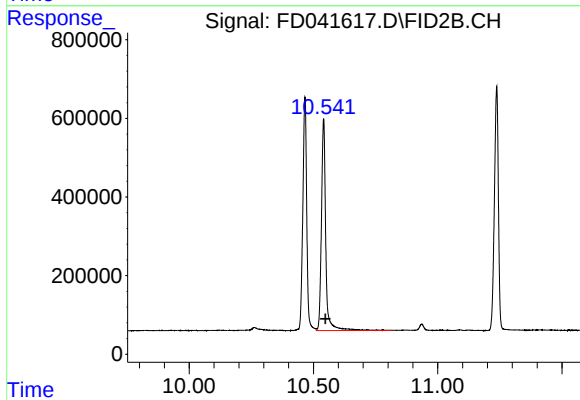
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.008 min
Response: 6490448
Conc: 39.51 ug/ml

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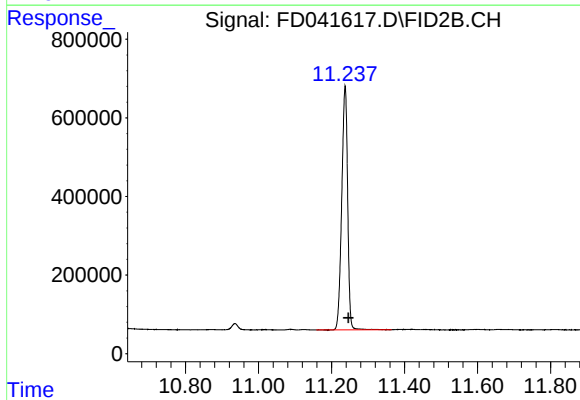
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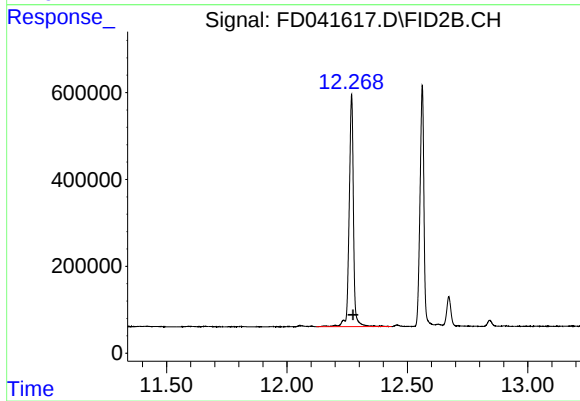
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.008 min
Response: 6509842
Conc: 40.71 ug/ml



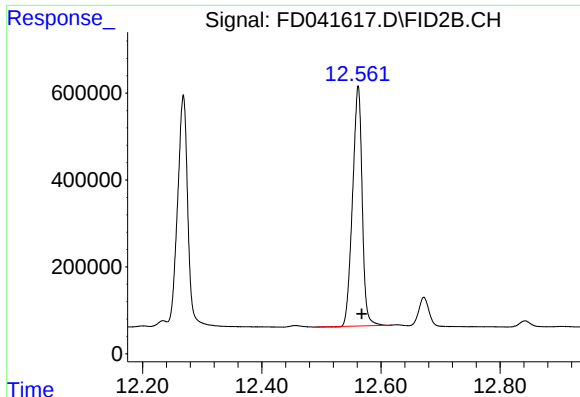
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: -0.010 min
Response: 6955859
Conc: 39.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.007 min
Response: 6679554
Conc: 39.76 ug/ml



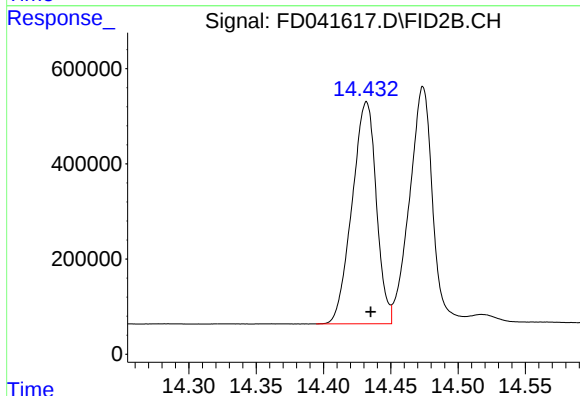
#13 Pyrene (C20.8)

R.T.: 12.561 min
Delta R.T.: -0.007 min
Response: 6189895
Conc: 36.92 ug/ml

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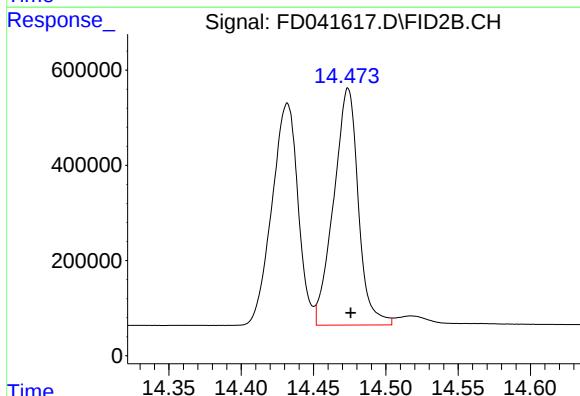
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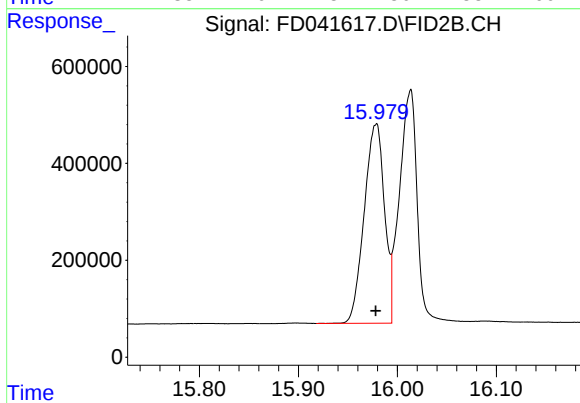
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: -0.004 min
Response: 5858771
Conc: 40.37 ug/ml m



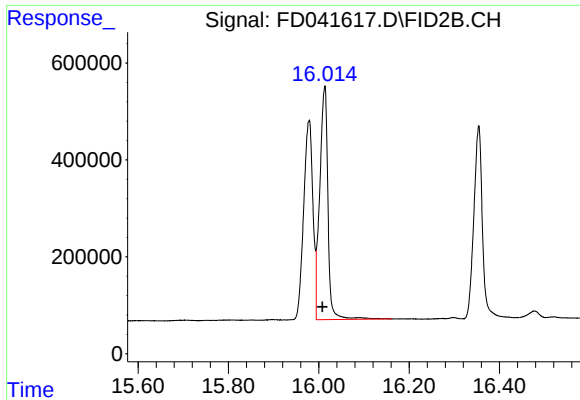
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: -0.003 min
Response: 5908020
Conc: 35.88 ug/ml m



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

R.T.: 15.978 min
Delta R.T.: 0.000 min
Response: 5864224
Conc: 42.97 ug/ml



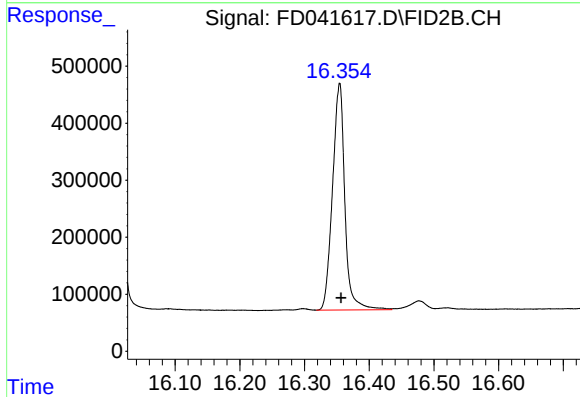
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: 0.003 min
Response: 6091741
Conc: 41.28 ug/ml

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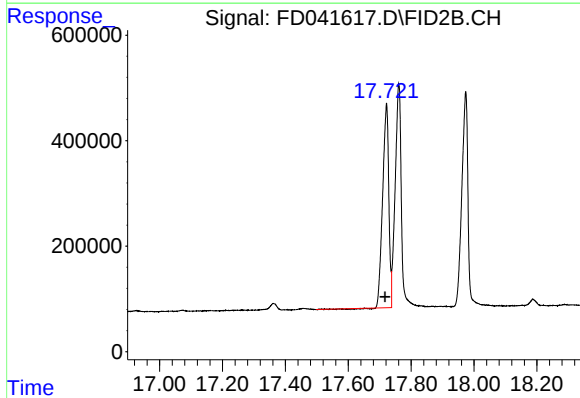
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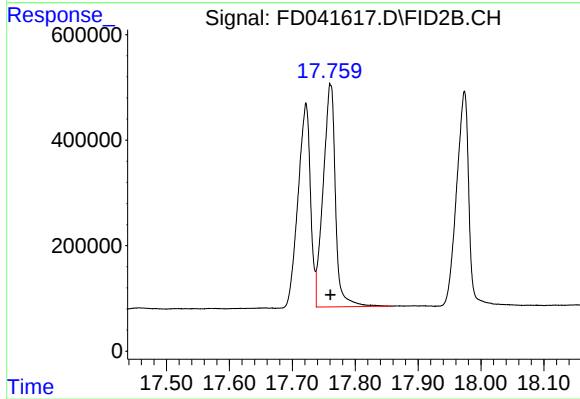
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.003 min
Response: 5270388
Conc: 40.08 ug/ml



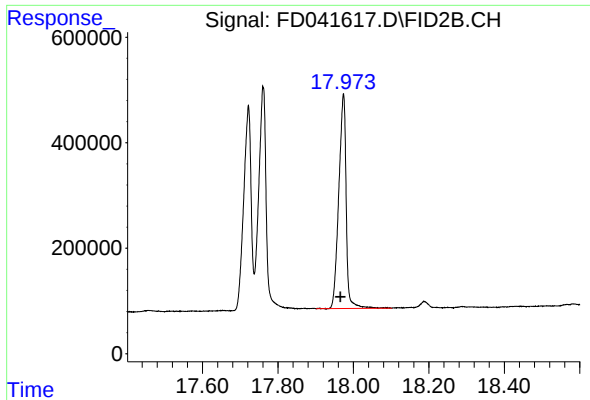
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: 0.003 min
Response: 5235405
Conc: 41.76 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.001 min
Response: 5742596
Conc: 40.63 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.006 min
Response: 5532540
Conc: 42.73 ug/ml

Instrument :

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ClientSampleId :

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