

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092822AR\
 Data File : FD043994.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 23:10
 Operator : YP/AJ
 Sample : N4783-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: autoint1.e
 Quant Time: Sep 29 03:44:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.419	5991369	45.535 ug/mlm
Spiked Amount 50.000		Recovery =	91.07%
6) S 2-Fluorobiphenyl (SURR)	8.273	3860578	53.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.03%
11) S ortho-Terphenyl (SURR)	11.306	5872256	31.522 ug/ml
Spiked Amount 50.000		Recovery =	63.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	4219184	28.075 ug/mlm
2) T Naphthalene (C11.7)	5.759	4683386	32.890 ug/mlm
3) T 2-Methylnaphthalene (...)	6.805	4910452	33.566 ug/ml
5) T Acenaphthylene (C15.06)	8.075	5042120	32.676 ug/mlm
7) T Acenaphthene (C15.5)	8.369	5721777	32.695 ug/ml
8) T Flouorene (C16.55)	9.148	5375639	36.573 ug/mlm
9) T Phenanthrene (C19.36)	10.540	5532058	38.229 ug/ml
10) T Anthracene (C19.43)	10.615	5562861	37.905 ug/ml
12) T Fluoranthene (C21.85)	12.344	5412453	35.289 ug/ml
13) T Pyrene (C20.8)	12.639	5274511	35.457 ug/ml
14) T Benzo[a]anthracene (C...	14.507	4735575	42.361 ug/ml
15) T Chrysene (C27.41)	14.548	5276979	33.766 ug/ml
16) T benzo[b]fluoranthene ...	16.053	4669119	40.038 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	4721950	31.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	4044215	33.388 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	4423203	46.521 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	4782169	39.808 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	4750025	41.682 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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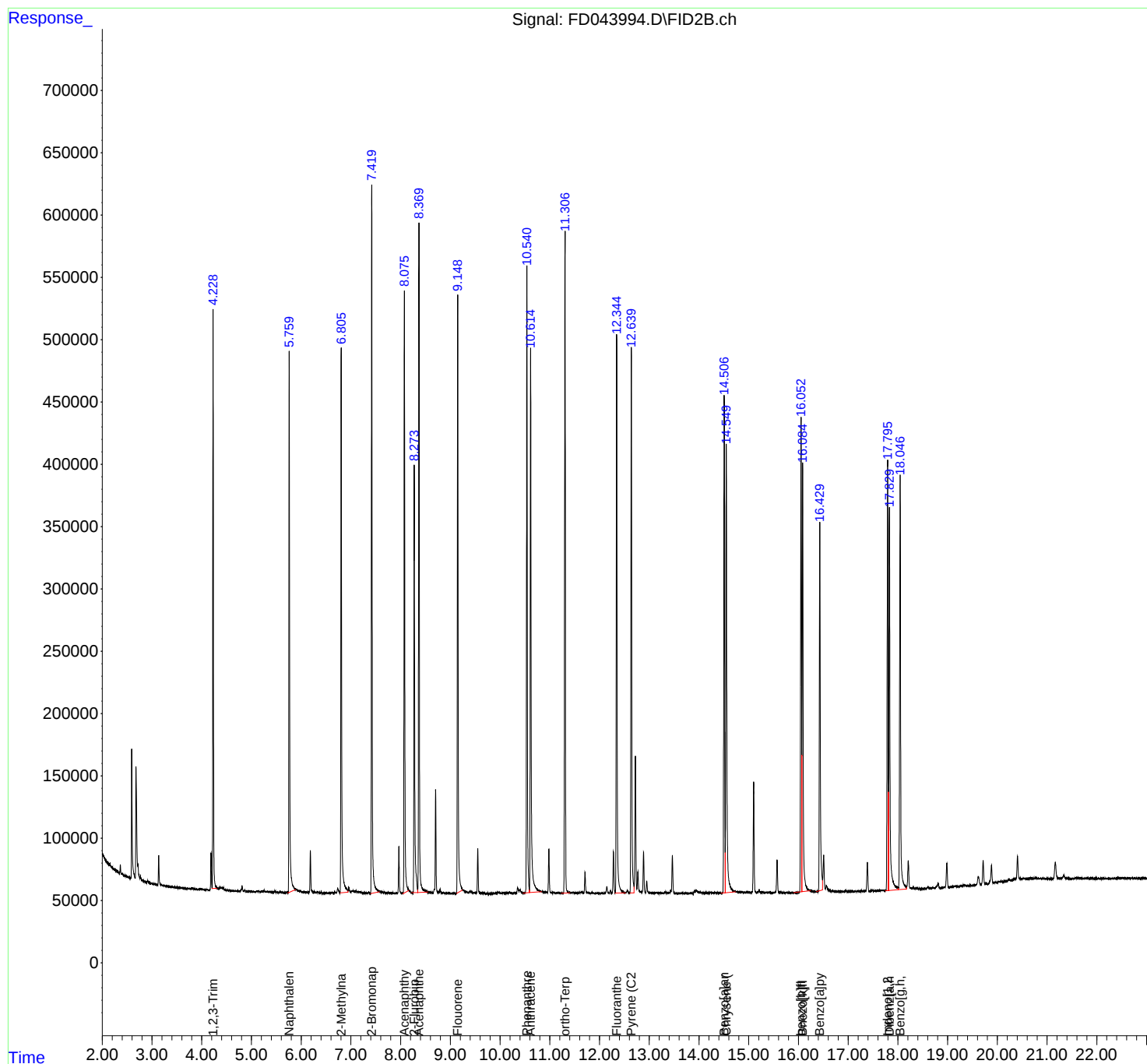
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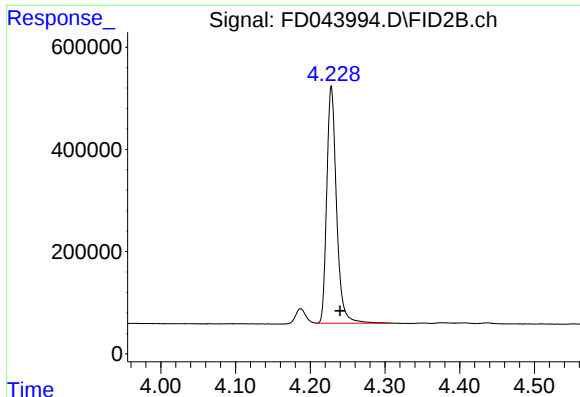
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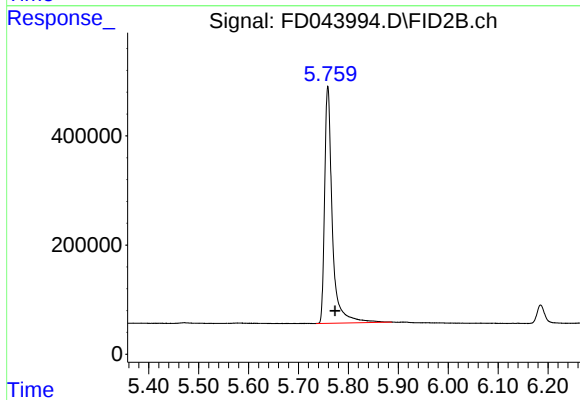
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min
Delta R.T.: -0.012 min
Response: 4219184
Conc: 28.07 ug/ml

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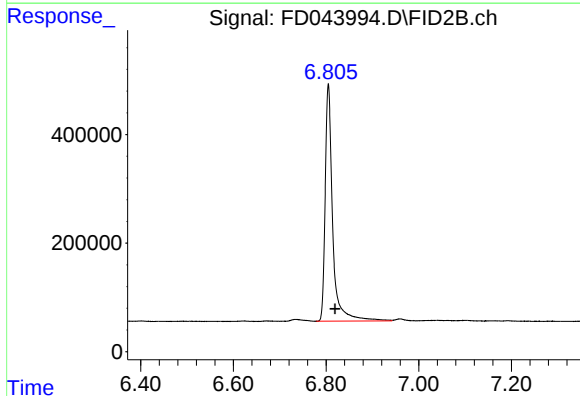
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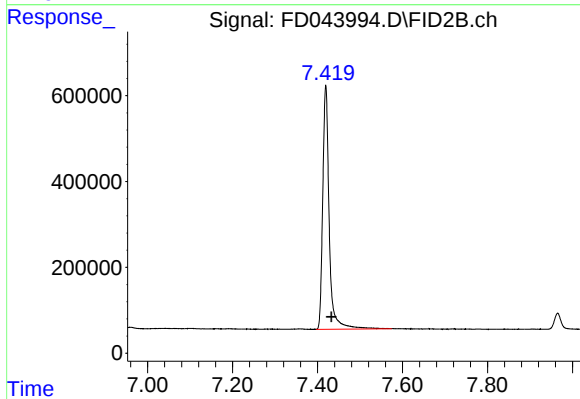
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.015 min
Response: 4683386
Conc: 32.89 ug/ml m



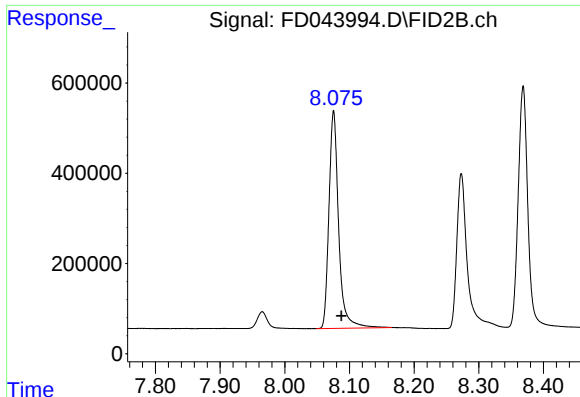
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 4910452
Conc: 33.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.419 min
Delta R.T.: -0.014 min
Response: 5991369
Conc: 45.53 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.075 min
Delta R.T.: -0.012 min
Response: 5042120
Conc: 32.68 ug/ml

Instrument :

FID_D

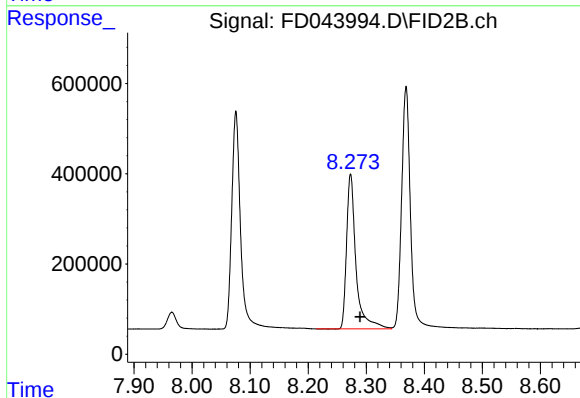
ClientSampleId :

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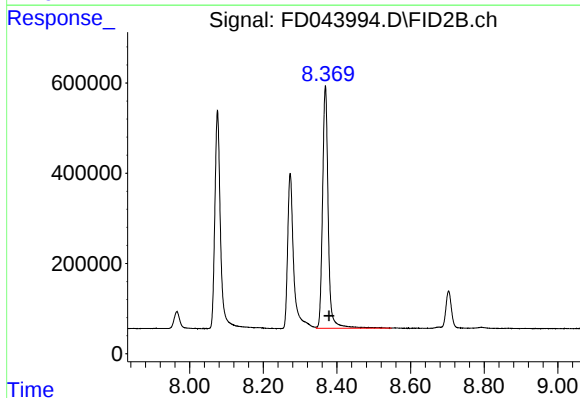
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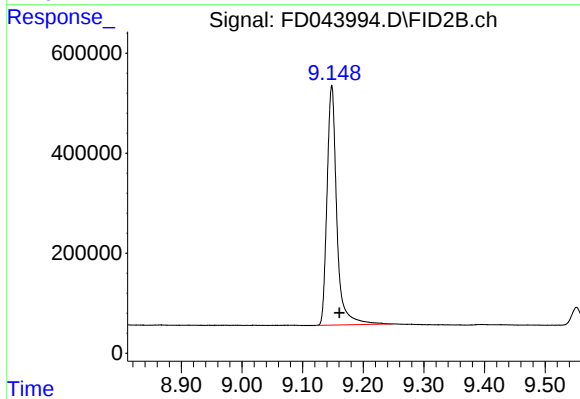
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.016 min
Response: 3860578
Conc: 53.52 ug/ml



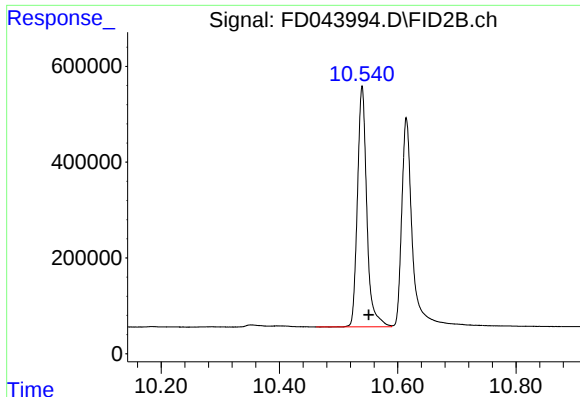
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: -0.010 min
Response: 5721777
Conc: 32.69 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.148 min
Delta R.T.: -0.013 min
Response: 5375639
Conc: 36.57 ug/ml m



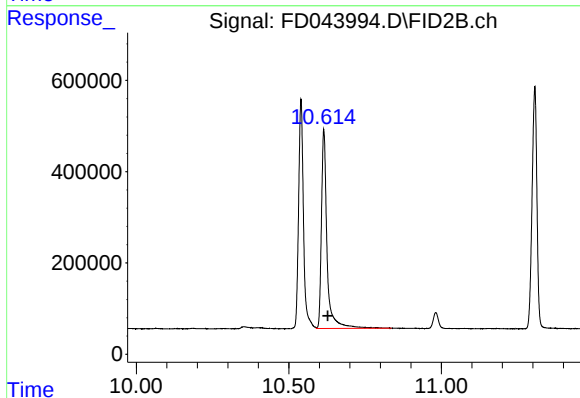
#9 Phenanthrene (C19.36)

R.T.: 10.540 min
Delta R.T.: -0.011 min
Response: 5532058
Conc: 38.23 ug/ml

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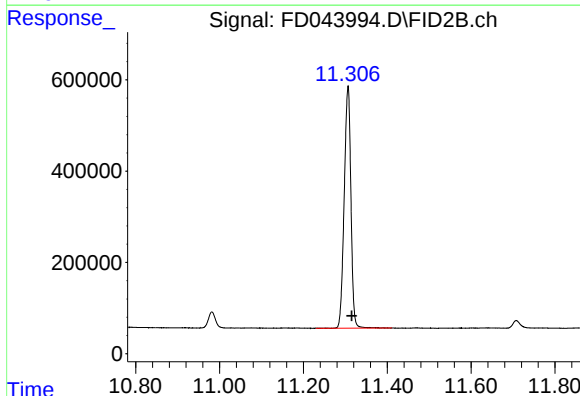
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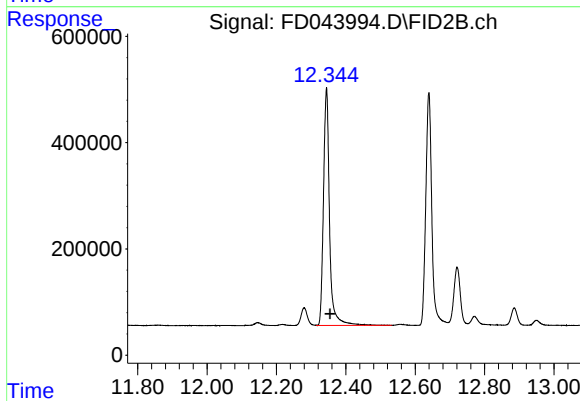
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.013 min
Response: 5562861
Conc: 37.91 ug/ml



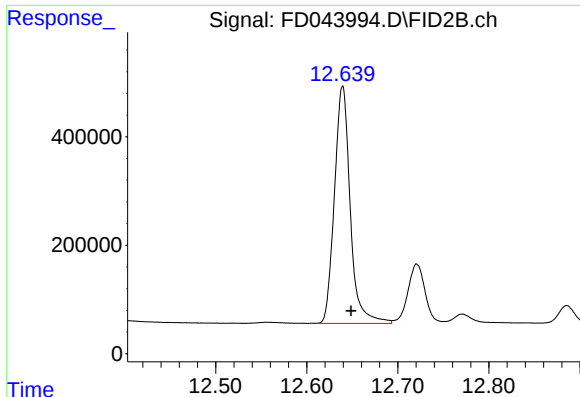
#11 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: -0.009 min
Response: 5872256
Conc: 31.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.344 min
Delta R.T.: -0.011 min
Response: 5412453
Conc: 35.29 ug/ml



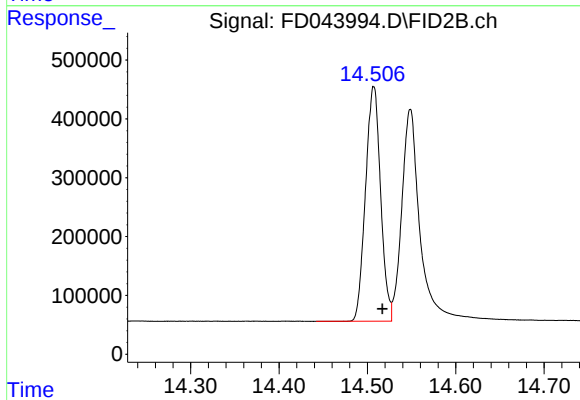
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.009 min
Response: 5274511
Conc: 35.46 ug/ml

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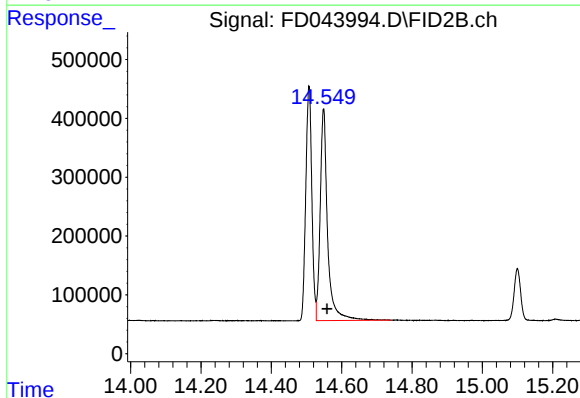
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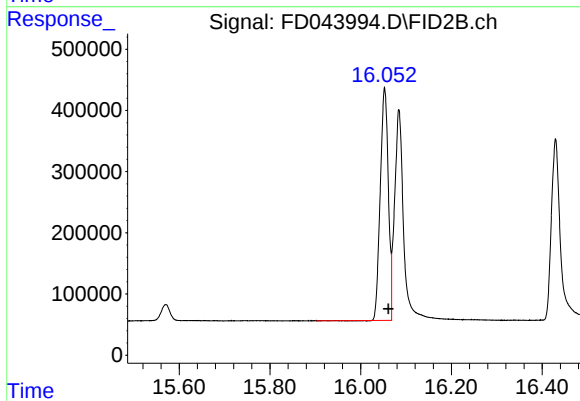
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 4735575
Conc: 42.36 ug/ml



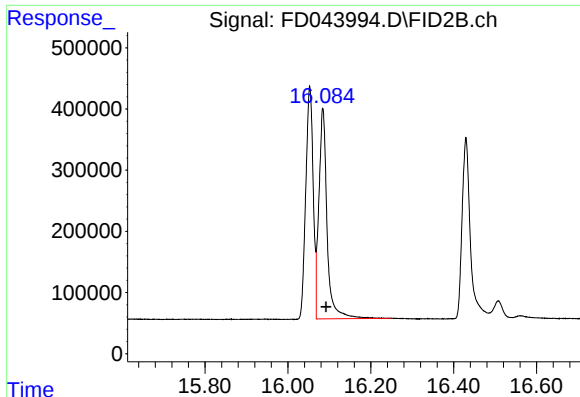
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.010 min
Response: 5276979
Conc: 33.77 ug/ml



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

R.T.: 16.053 min
Delta R.T.: -0.008 min
Response: 4669119
Conc: 40.04 ug/ml



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

R.T.: 16.084 min
Delta R.T.: -0.008 min
Response: 4721950
Conc: 31.81 ug/ml

Instrument :

FID_D

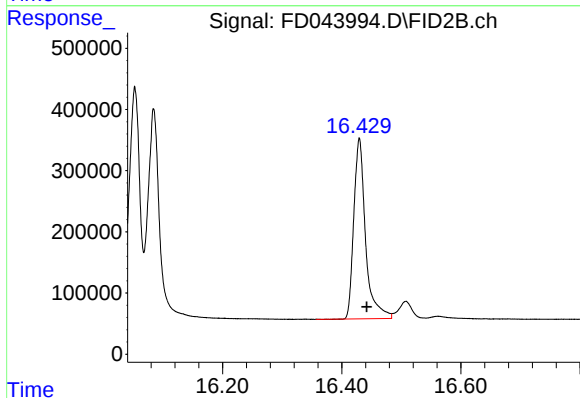
ClientSampleId :

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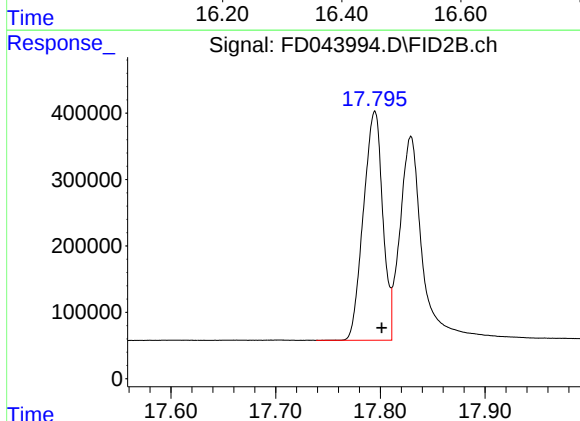
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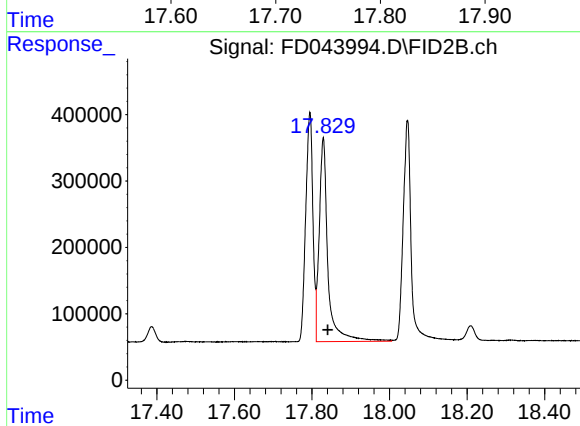
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.012 min
Response: 4044215
Conc: 33.39 ug/ml



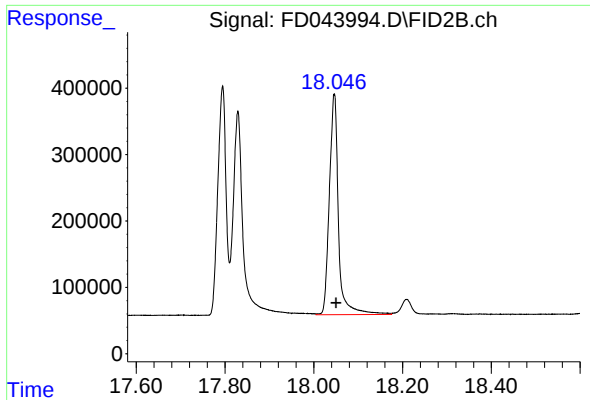
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 4423203
Conc: 46.52 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.012 min
Response: 4782169
Conc: 39.81 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 4750025
Conc: 41.68 ug/ml

Instrument :

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