

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092822AR\
 Data File : FD043990.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 19:27
 Operator : YP/AJ
 Sample : PB147963BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147963BSD

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 03:43:47 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	6037035	45.882 ug/ml
Spiked Amount 50.000		Recovery =	91.76%
6) S 2-Fluorobiphenyl (SURR)	8.273	3998419	55.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.85%
11) S ortho-Terphenyl (SURR)	11.306	6301427	33.825 ug/ml
Spiked Amount 50.000		Recovery =	67.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	4591840	30.554 ug/mlm
2) T Naphthalene (C11.7)	5.758	5221467	36.668 ug/mlm
3) T 2-Methylnaphthalene (...)	6.805	5326353	36.409 ug/ml
5) T Acenaphthylene (C15.06)	8.075	5323756	34.501 ug/mlm
7) T Acenaphthene (C15.5)	8.369	6022382	34.413 ug/ml
8) T Flouorene (C16.55)	9.148	5641510	38.382 ug/mlm
9) T Phenanthrene (C19.36)	10.540	5863451	40.519 ug/ml
10) T Anthracene (C19.43)	10.615	5940107	40.476 ug/ml
12) T Fluoranthene (C21.85)	12.345	5758259	37.543 ug/ml
13) T Pyrene (C20.8)	12.639	5624639	37.811 ug/ml
14) T Benzo[a]anthracene (C...	14.508	5086344	45.499 ug/ml
15) T Chrysene (C27.41)	14.550	6078646	38.895 ug/ml
16) T benzo[b]fluoranthene ...	16.055	5018574	43.034 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	5094919	34.317 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	4351310	35.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	4754471	50.005 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	5078138	42.272 ug/ml
21) T Benzo[g,h,i]perylene ...	18.049	4935285	43.308 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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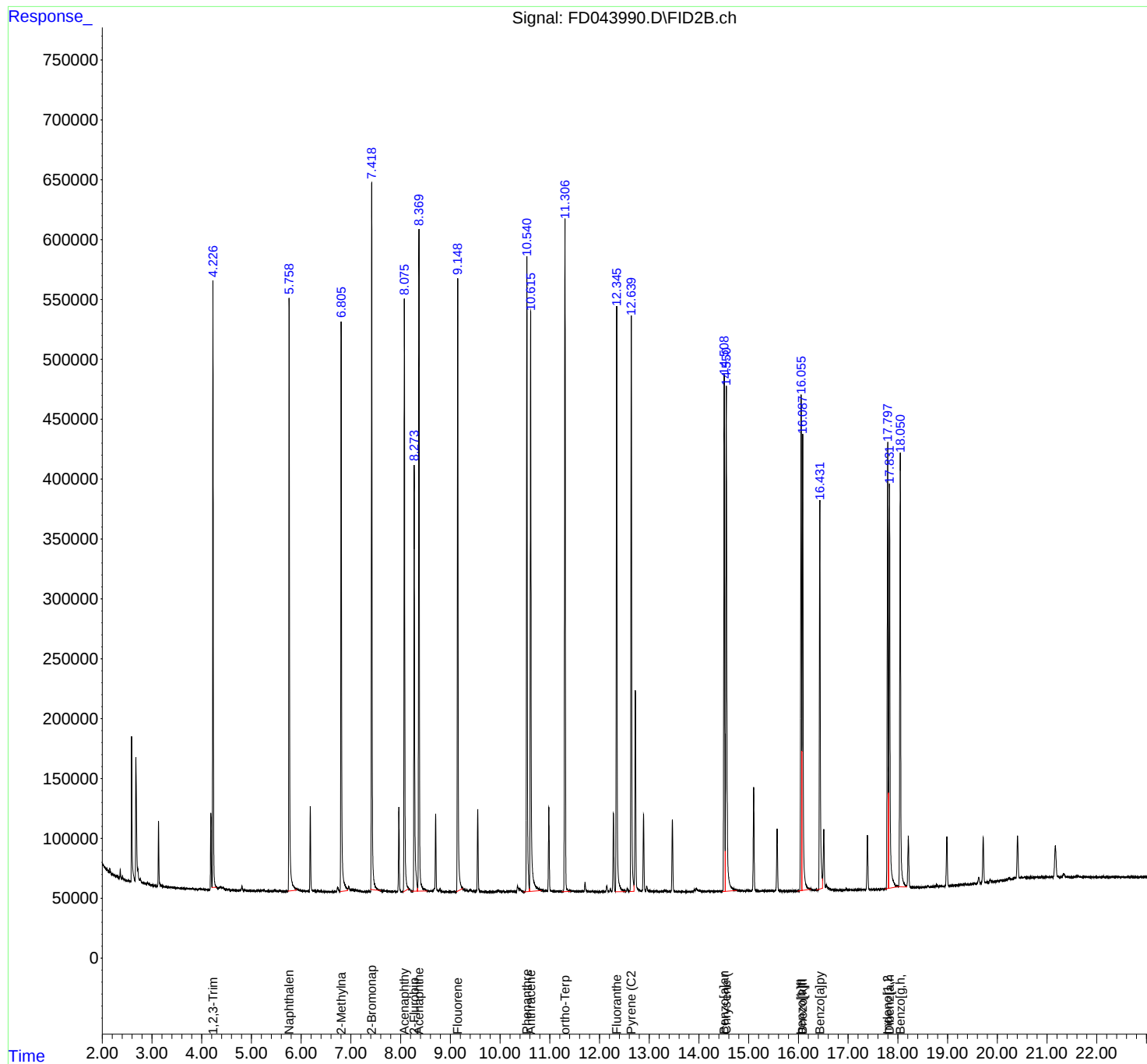
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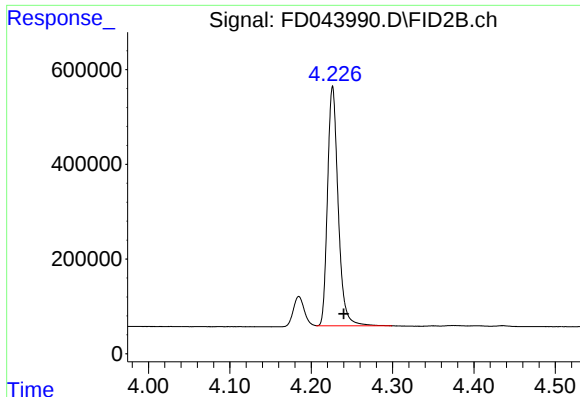
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.226 min
Delta R.T.: -0.014 min
Response: 4591840
Conc: 30.55 ug/ml

Instrument :

FID_D

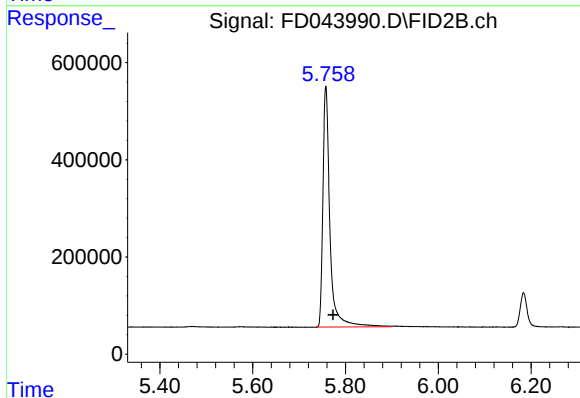
ClientSampleId :

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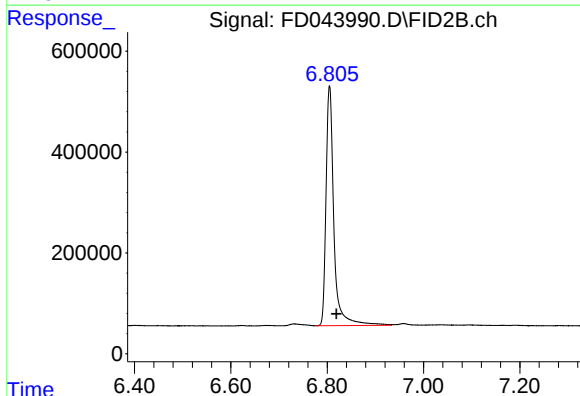
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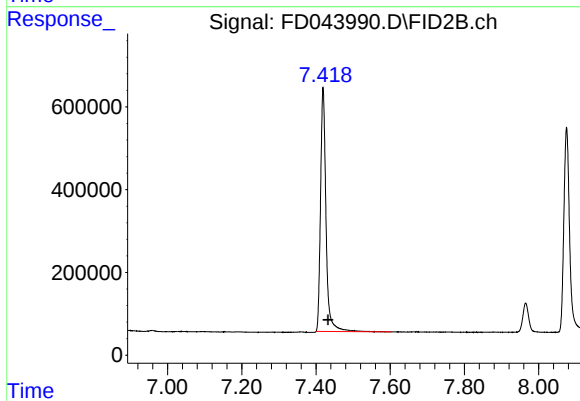
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.016 min
Response: 5221467
Conc: 36.67 ug/ml m



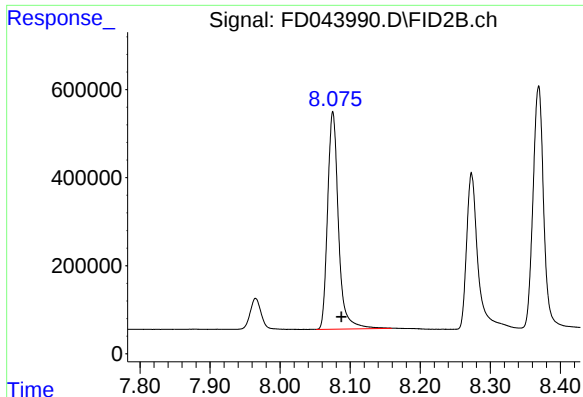
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 5326353
Conc: 36.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.419 min
Delta R.T.: -0.014 min
Response: 6037035
Conc: 45.88 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.075 min
Delta R.T.: -0.013 min
Response: 5323756
Conc: 34.50 ug/ml

Instrument :

FID_D

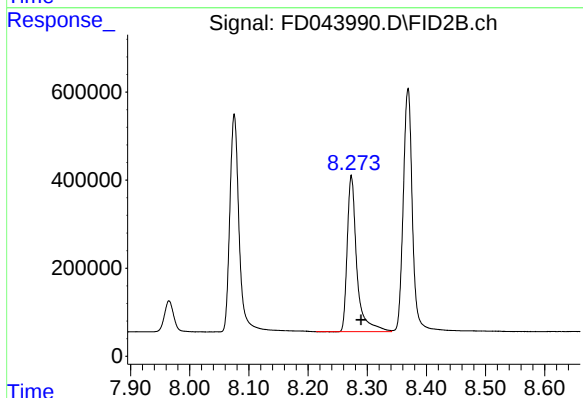
ClientSampleId :

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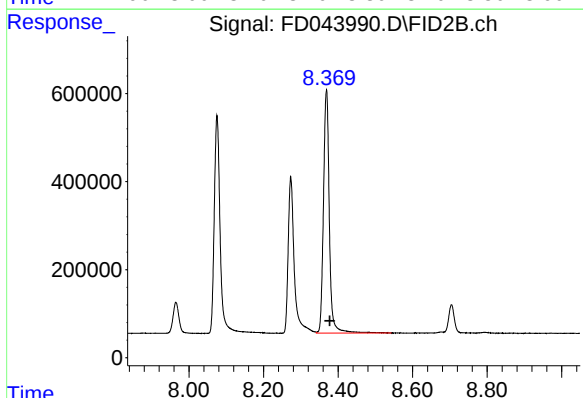
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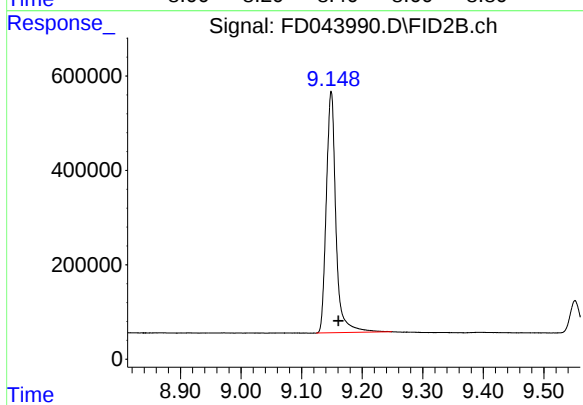
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.016 min
Response: 3998419
Conc: 55.43 ug/ml



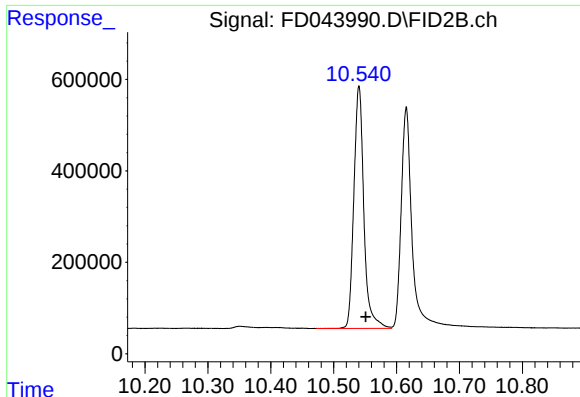
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: -0.009 min
Response: 6022382
Conc: 34.41 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.148 min
Delta R.T.: -0.012 min
Response: 5641510
Conc: 38.38 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.540 min
Delta R.T.: -0.011 min
Response: 5863451
Conc: 40.52 ug/ml

Instrument :

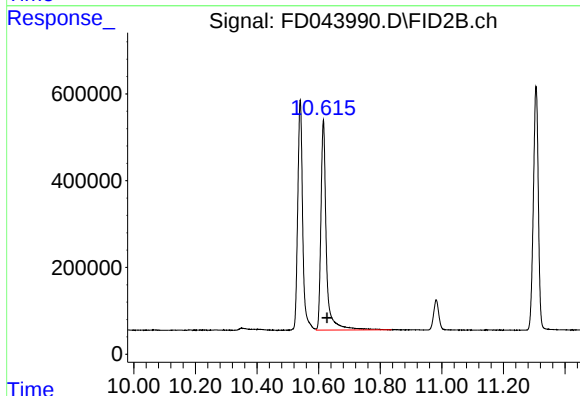
FID_D

ClientSampleId :

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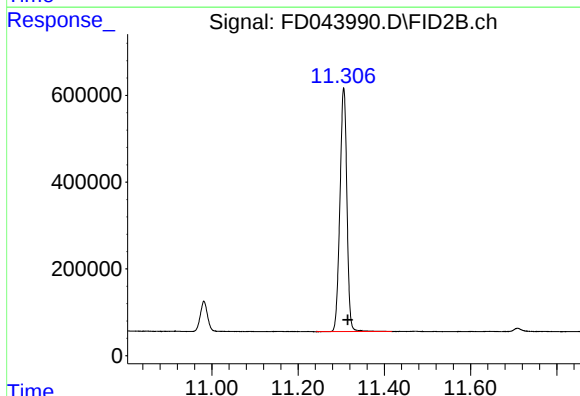
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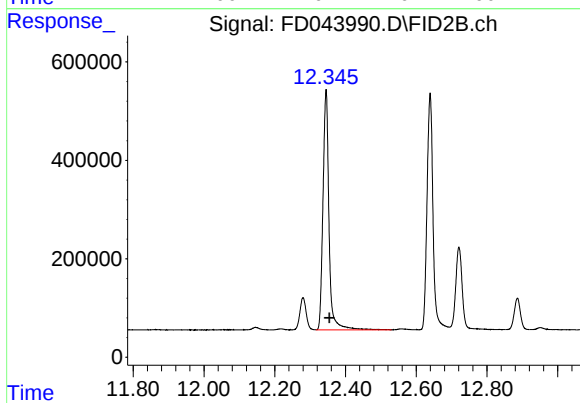
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.012 min
Response: 5940107
Conc: 40.48 ug/ml



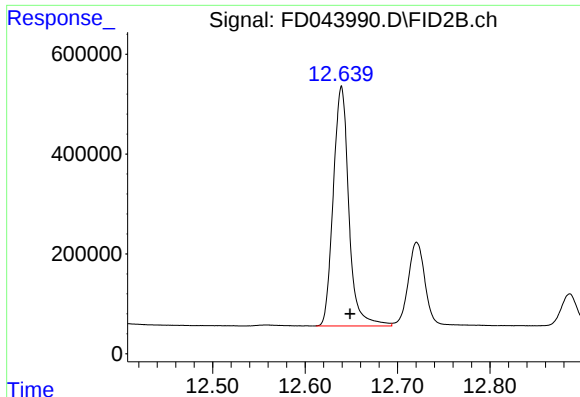
#11 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: -0.009 min
Response: 6301427
Conc: 33.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.345 min
Delta R.T.: -0.010 min
Response: 5758259
Conc: 37.54 ug/ml



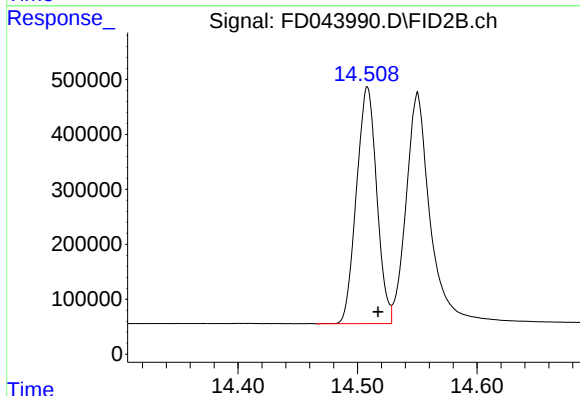
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.009 min
Response: 5624639
Conc: 37.81 ug/ml

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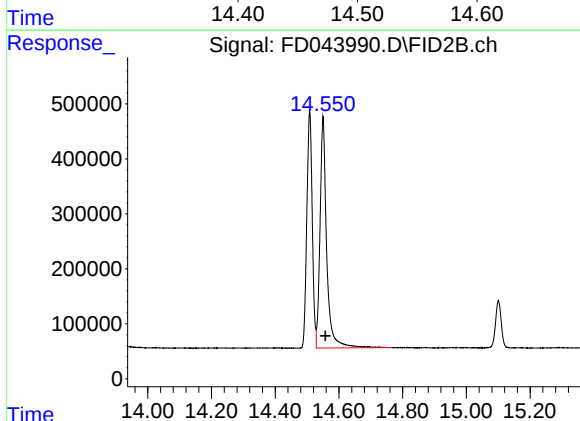
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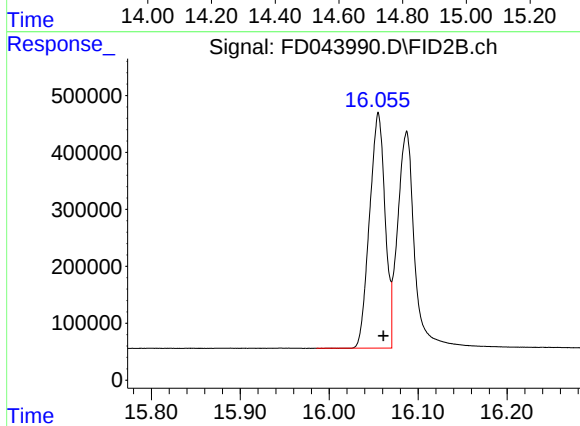
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.508 min
Delta R.T.: -0.009 min
Response: 5086344
Conc: 45.50 ug/ml



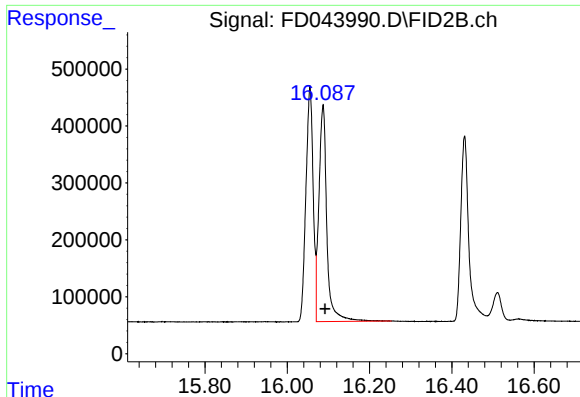
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.008 min
Response: 6078646
Conc: 38.90 ug/ml



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

R.T.: 16.055 min
Delta R.T.: -0.006 min
Response: 5018574
Conc: 43.03 ug/ml



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

R.T.: 16.087 min
Delta R.T.: -0.006 min
Response: 5094919
Conc: 34.32 ug/ml

Instrument :

FID_D

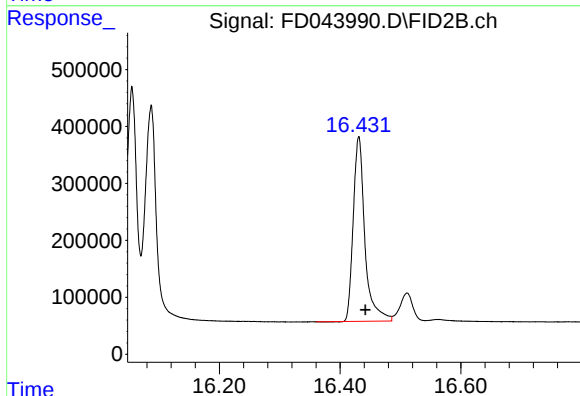
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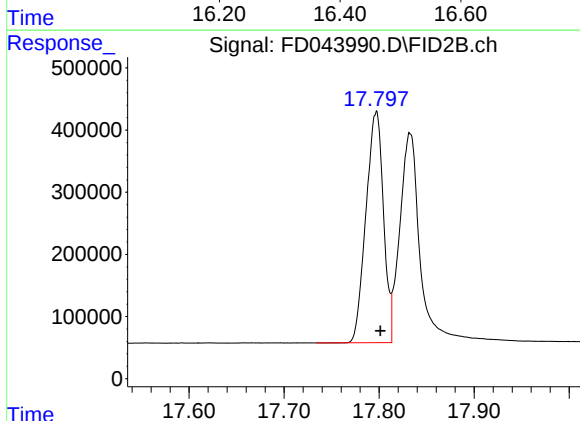
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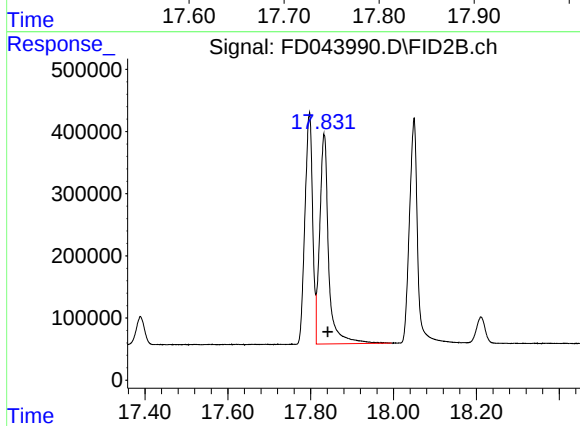
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.011 min
Response: 4351310
Conc: 35.92 ug/ml



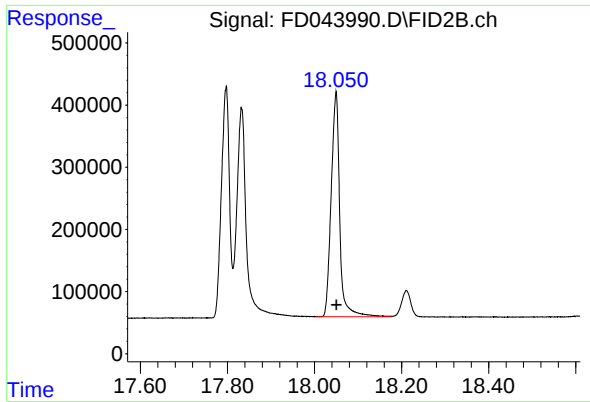
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.005 min
Response: 4754471
Conc: 50.01 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.008 min
Response: 5078138
Conc: 42.27 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.001 min
Response: 4935285
Conc: 43.31 ug/ml

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