

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103024AR\
 Data File : FD048625.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2024 18:41
 Operator : YP/AJ
 Sample : PB164525BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164525BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 01:02:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

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...	7.373	7894586	52.014 ug/ml
Spiked Amount 50.000		Recovery =	104.03%
6) S 2-Fluorobiphenyl (SURR)	8.223	5226799	53.230 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.46%
11) S ortho-Terphenyl (SURR)	11.259	7598459	44.608 ug/ml
Spiked Amount 50.000		Recovery =	89.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	4949559	28.450 ug/mlm
2) T Naphthalene (C11.7)	5.712	5726726	32.094 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	5704681	31.894 ug/ml
5) T Acenaphthylene (C15.06)	8.025	6603103	37.605 ug/ml
7) T Acenaphthene (C15.5)	8.321	6995643	39.442 ug/ml
8) T Flouorene (C16.55)	9.099	6968023	41.222 ug/ml
9) T Phenanthrene (C19.36)	10.486	6924252	41.888 ug/ml
10) T Anthracene (C19.43)	10.561	6875067	42.993 ug/ml
12) T Fluoranthene (C21.85)	12.290	7059650	42.896 ug/mlm
13) T Pyrene (C20.8)	12.583	6875463	42.684 ug/ml
14) T Benzo[a]anthracene (C...	14.452	6510948	44.530 ug/ml
15) T Chrysene (C27.41)	14.494	6549044	39.814 ug/ml
16) T benzo[b]fluoranthene ...	16.000	6560076	43.150 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	6590022	43.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	6353499	42.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	6435448	49.322 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	6296958	38.694 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	6359737	41.542 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
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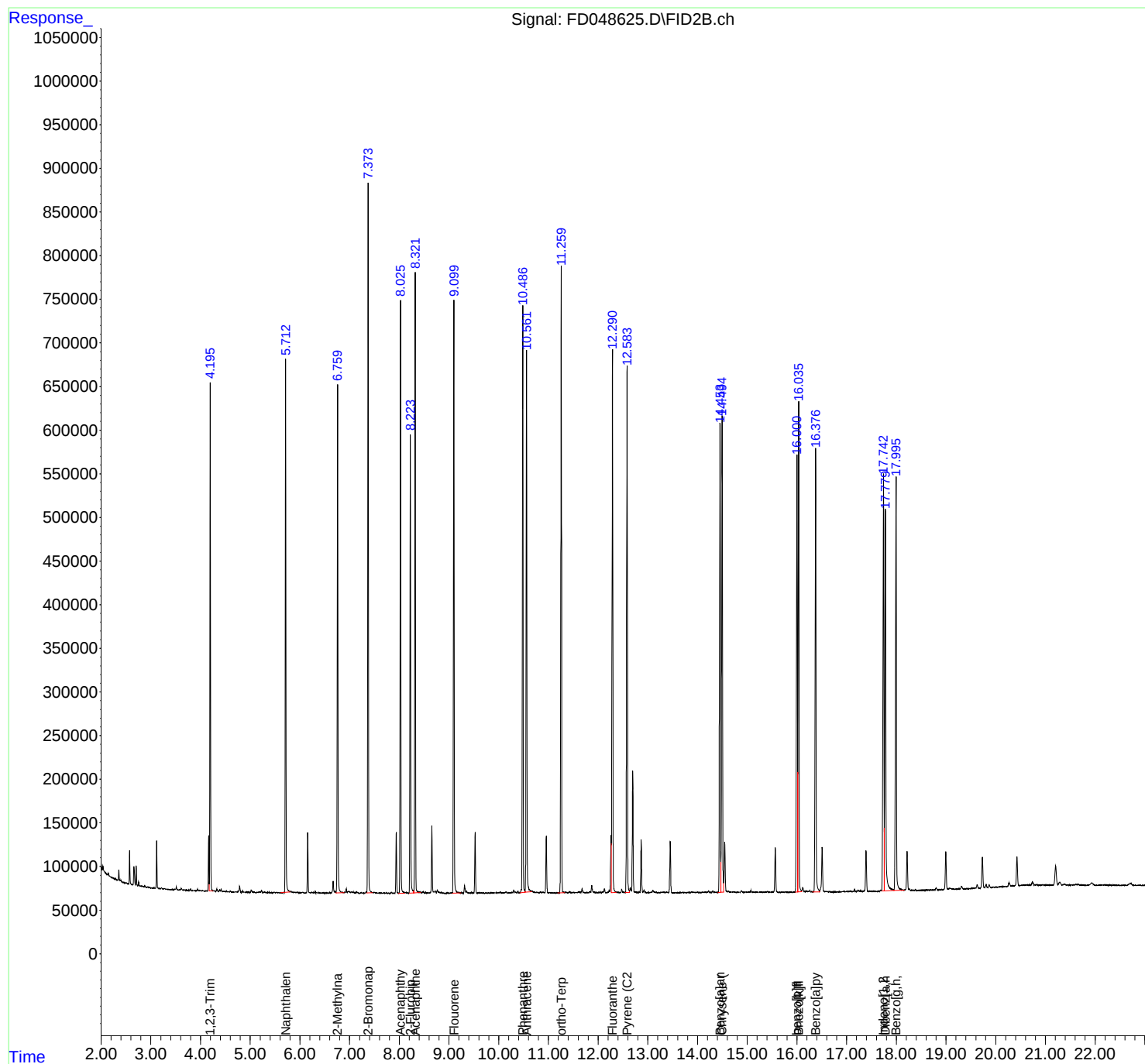
Instrument :
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PB164525BSD

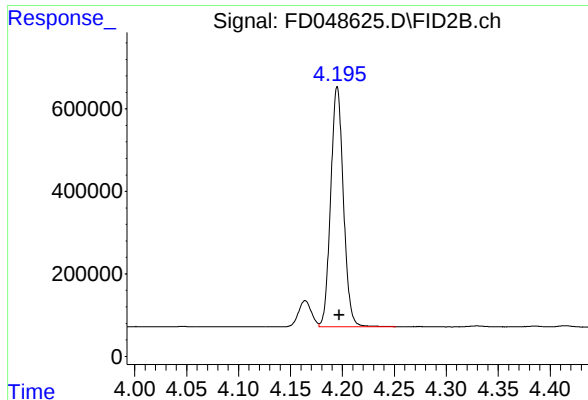
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Signal Info : 20M x 0.18mm x 0.18µm





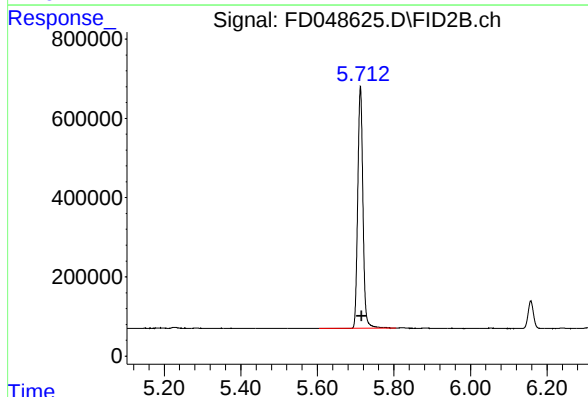
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 4949559
Conc: 28.45 ug/ml

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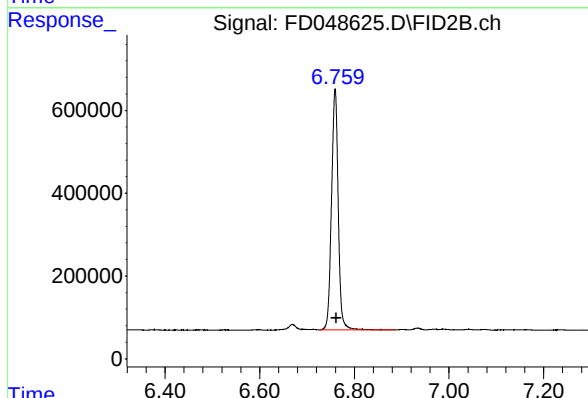
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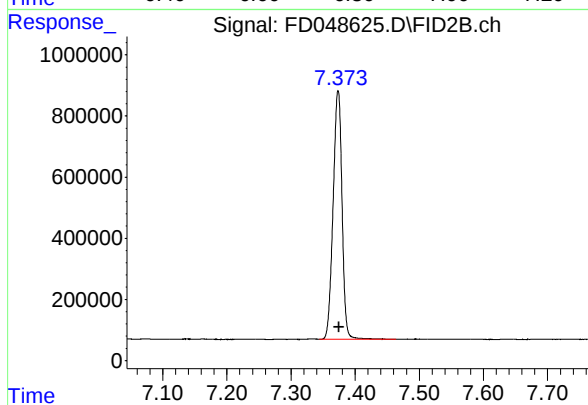
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 5726726
Conc: 32.09 ug/ml



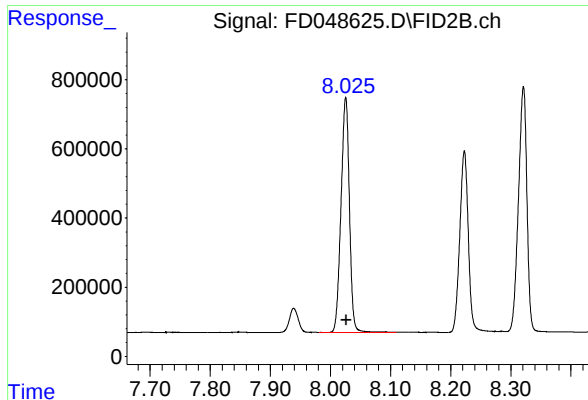
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 5704681
Conc: 31.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 7894586
Conc: 52.01 ug/ml



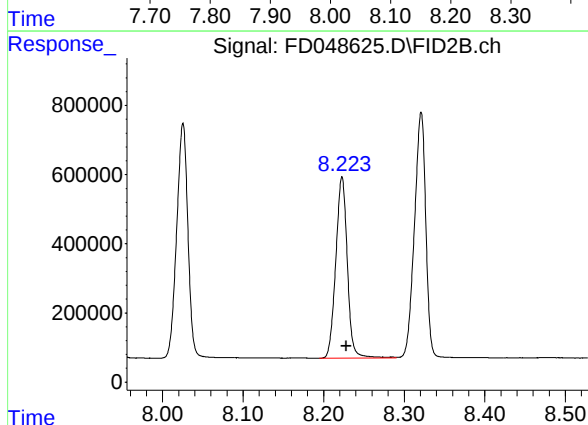
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 6603103
Conc: 37.60 ug/ml

Instrument :
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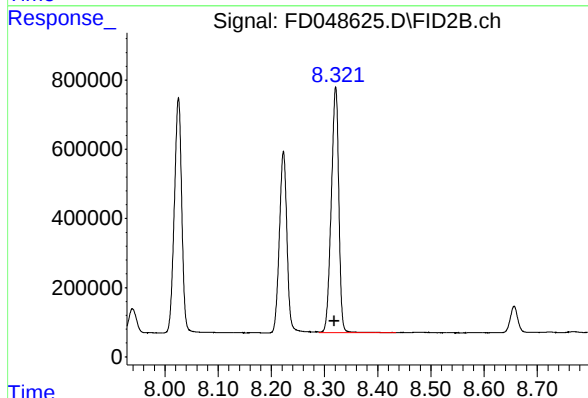
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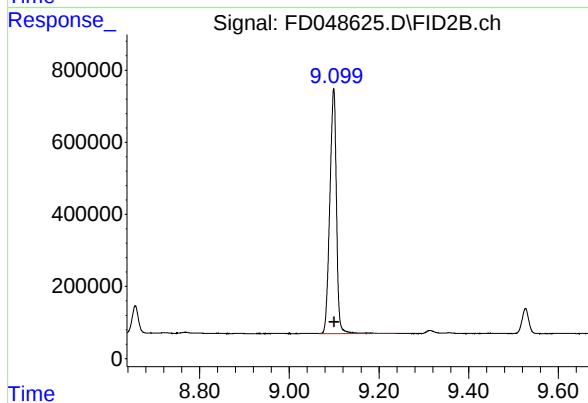
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 5226799
Conc: 53.23 ug/ml



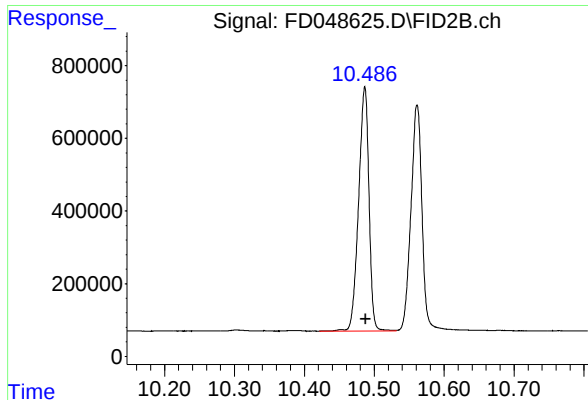
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 6995643
Conc: 39.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.099 min
Delta R.T.: -0.002 min
Response: 6968023
Conc: 41.22 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: -0.001 min
Response: 6924252
Conc: 41.89 ug/ml

Instrument :

FID_D

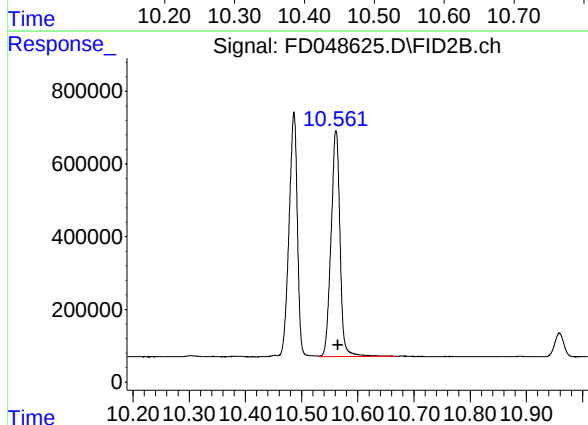
ClientSampleId :

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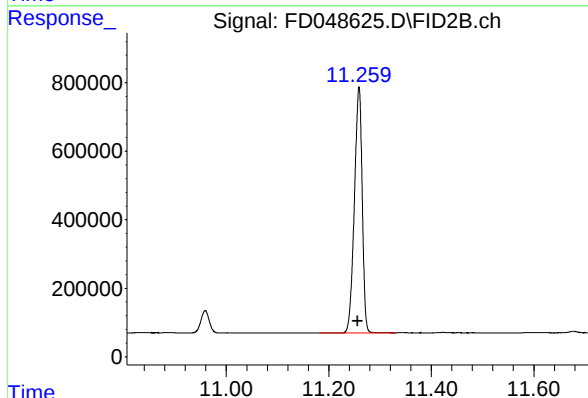
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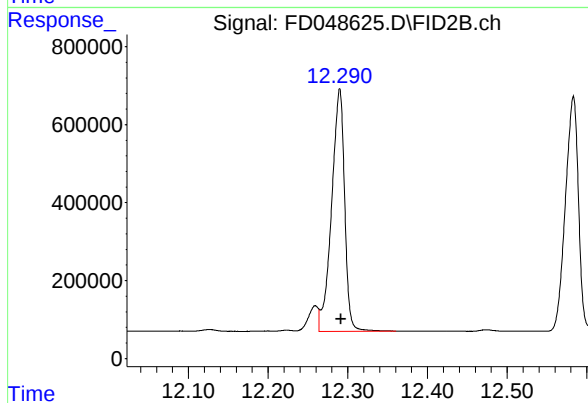
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.003 min
Response: 6875067
Conc: 42.99 ug/ml



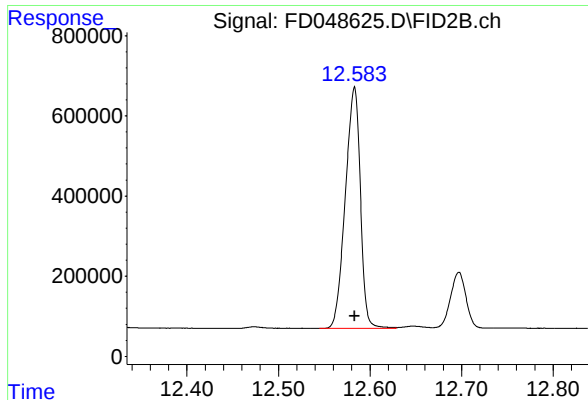
#11 ortho-Terphenyl (SURR)

R.T.: 11.259 min
Delta R.T.: 0.002 min
Response: 7598459
Conc: 44.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.290 min
Delta R.T.: -0.002 min
Response: 7059650
Conc: 42.90 ug/ml m



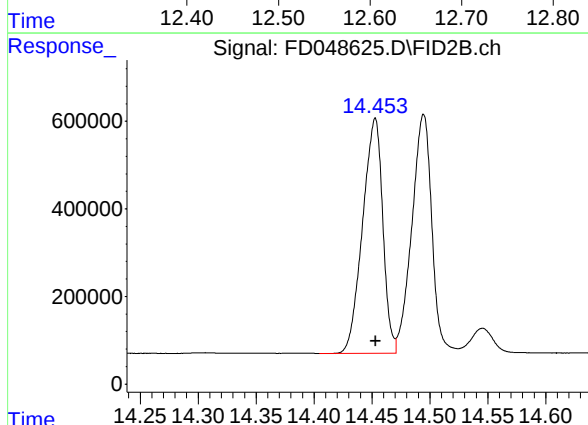
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 6875463
Conc: 42.68 ug/ml

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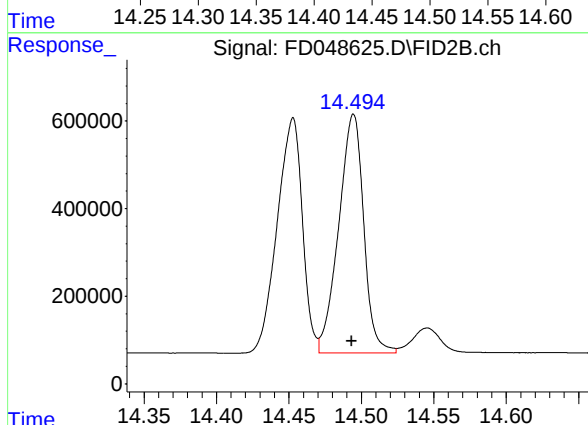
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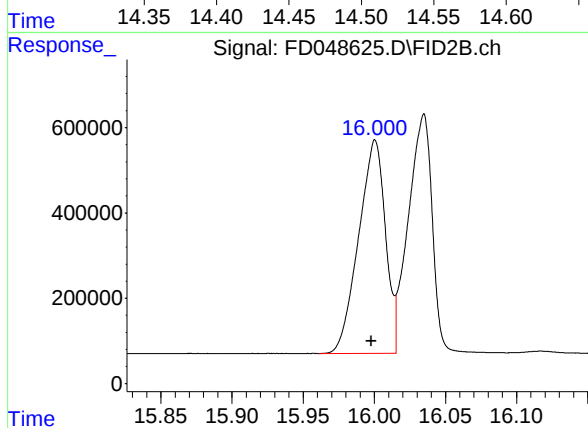
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: -0.001 min
Response: 6510948
Conc: 44.53 ug/ml



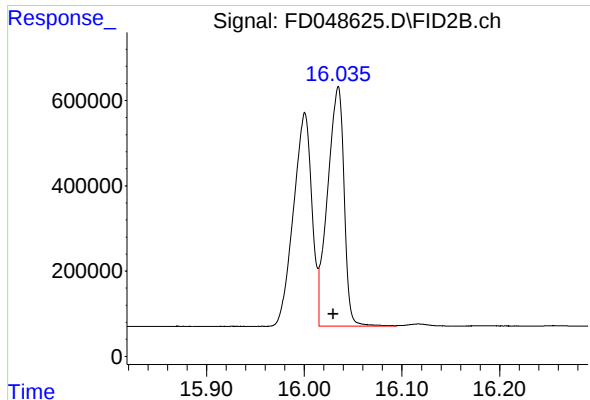
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 6549044
Conc: 39.81 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 6560076
Conc: 43.15 ug/ml



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

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 6590022
Conc: 43.84 ug/ml

Instrument :

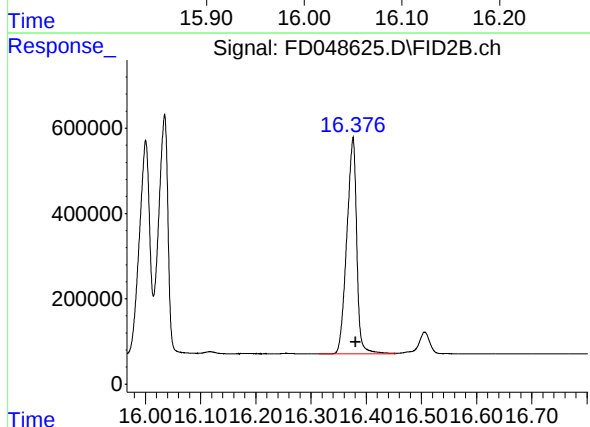
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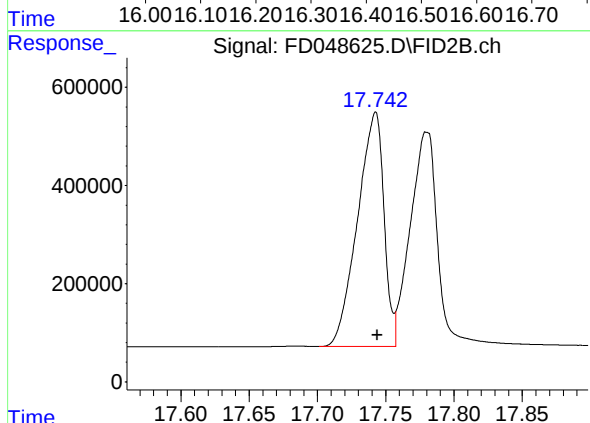
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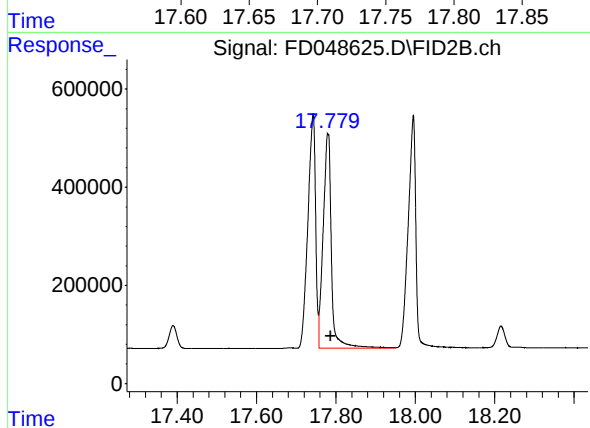
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.005 min
Response: 6353499
Conc: 42.22 ug/ml



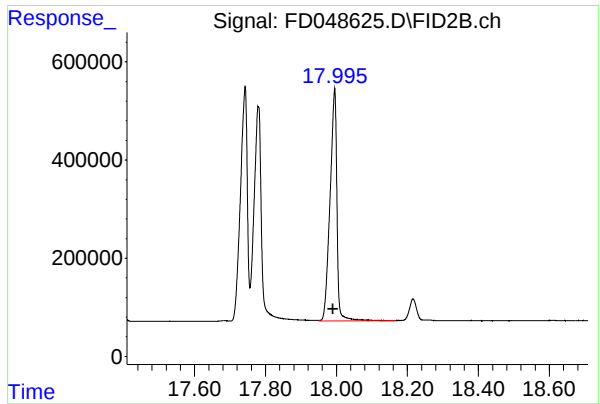
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: -0.002 min
Response: 6435448
Conc: 49.32 ug/ml



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

R.T.: 17.780 min
Delta R.T.: -0.007 min
Response: 6296958
Conc: 38.69 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.004 min
Response: 6359737
Conc: 41.54 ug/ml

Instrument :

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