

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048663.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 09:04
 Operator : YP/AJ
 Sample : PB164618BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164618BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 06 01:26:23 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...	7.369	6966463	45.899 ug/ml
Spiked Amount 50.000		Recovery =	91.80%
6) S 2-Fluorobiphenyl (SURR)	8.219	4619930	47.050 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.10%
11) S ortho-Terphenyl (SURR)	11.254	7117157	41.782 ug/ml
Spiked Amount 50.000		Recovery =	83.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	4582573	26.341 ug/mlm
2) T Naphthalene (C11.7)	5.709	5269478	29.532 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	5264169	29.431 ug/ml
5) T Acenaphthylene (C15.06)	8.021	6074486	34.594 ug/ml
7) T Acenaphthene (C15.5)	8.317	6431815	36.263 ug/ml
8) T Flouorene (C16.55)	9.095	6355350	37.597 ug/ml
9) T Phenanthrene (C19.36)	10.482	6391018	38.662 ug/ml
10) T Anthracene (C19.43)	10.557	6486939	40.566 ug/ml
12) T Fluoranthene (C21.85)	12.286	6999864	42.532 ug/ml
13) T Pyrene (C20.8)	12.578	6499653	40.351 ug/ml
14) T Benzo[a]anthracene (C...	14.449	6164224	42.158 ug/ml
15) T Chrysene (C27.41)	14.491	6221092	37.820 ug/ml
16) T benzo[b]fluoranthene ...	15.996	6225451	40.949 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	6223184	41.404 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	6037781	40.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	6126712	46.956 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	5987680	36.794 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	6053203	39.540 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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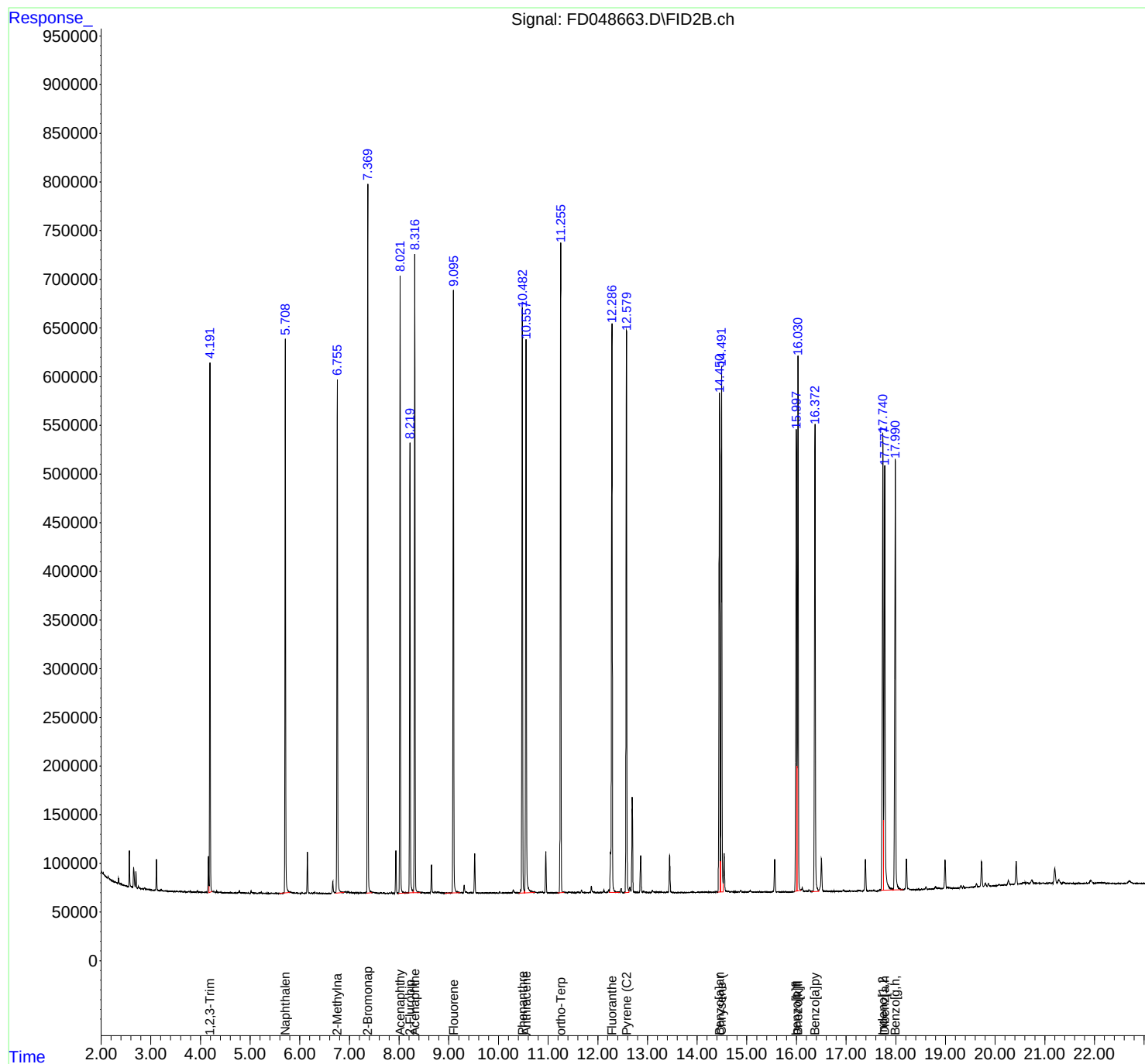
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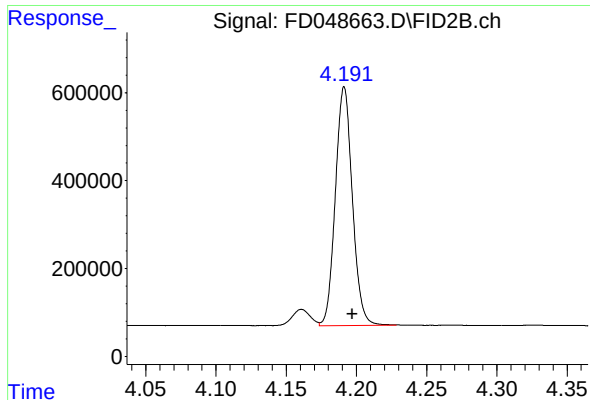
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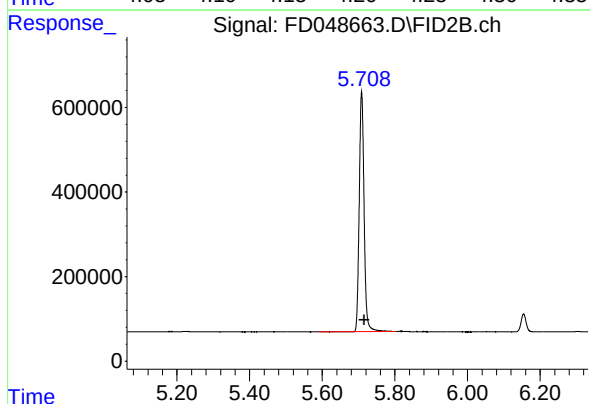
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 4582573
Conc: 26.34 ug/ml

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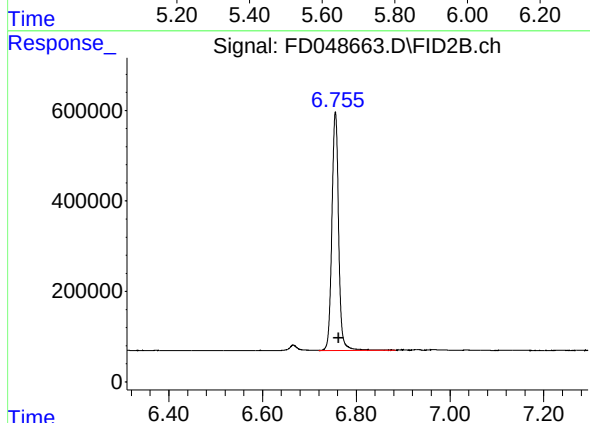
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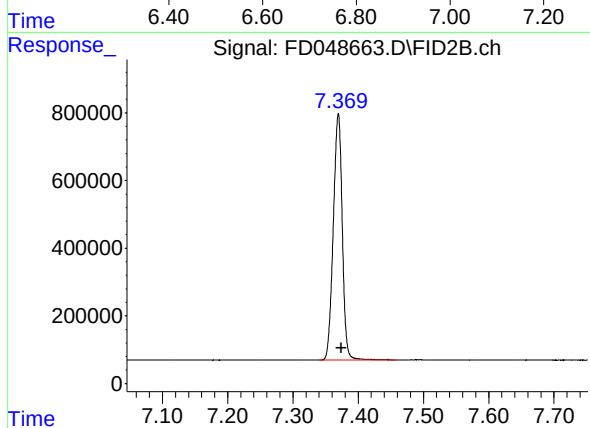
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 5269478
Conc: 29.53 ug/ml



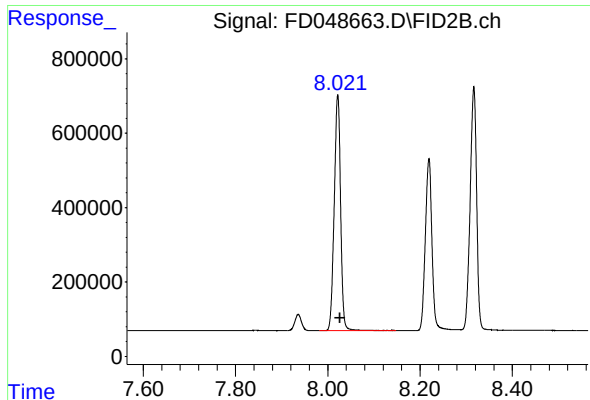
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 5264169
Conc: 29.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 6966463
Conc: 45.90 ug/ml



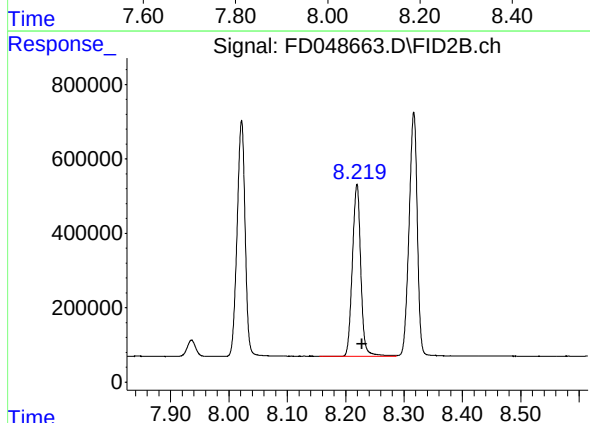
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 6074486
Conc: 34.59 ug/ml

Instrument :
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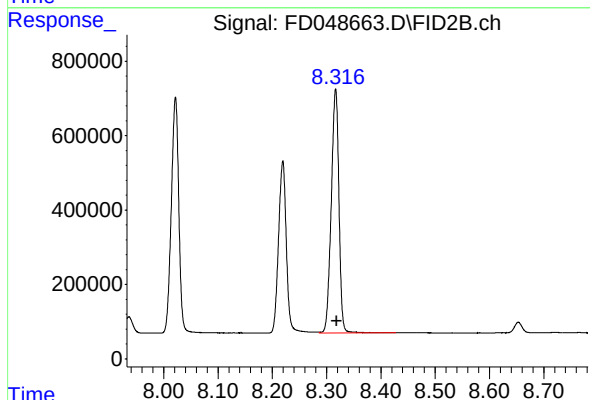
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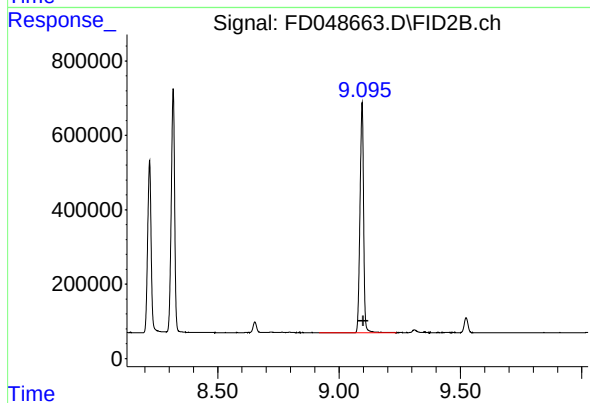
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: -0.009 min
Response: 4619930
Conc: 47.05 ug/ml



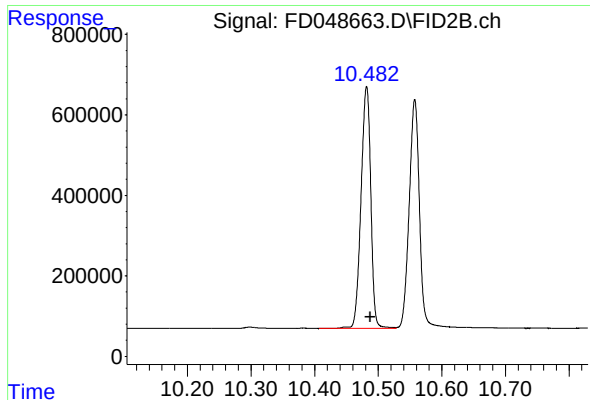
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 6431815
Conc: 36.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 6355350
Conc: 37.60 ug/ml



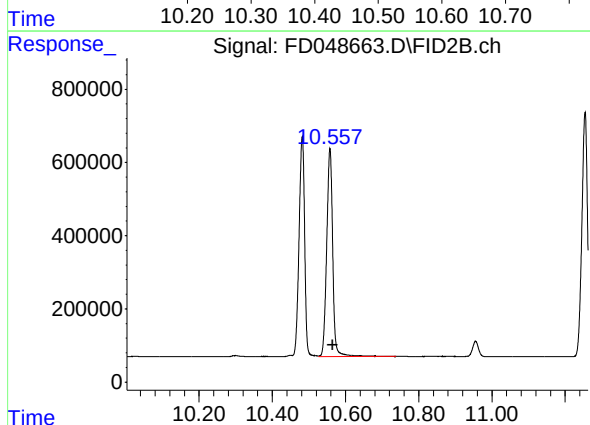
#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.006 min
Response: 6391018
Conc: 38.66 ug/ml

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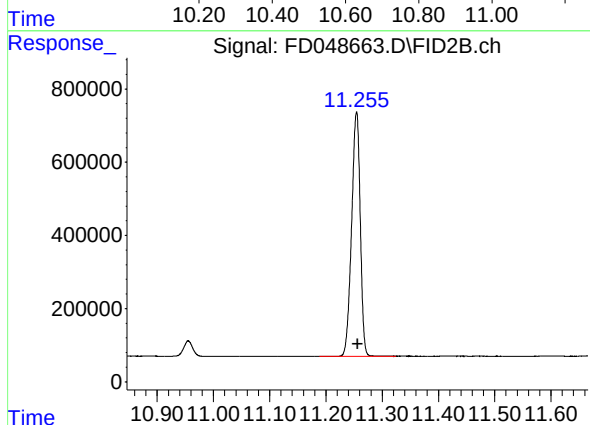
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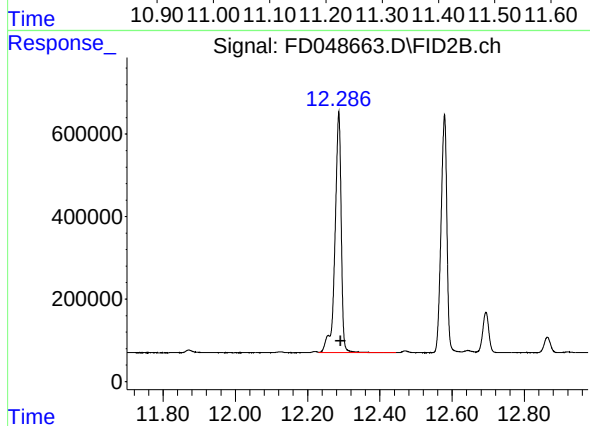
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.007 min
Response: 6486939
Conc: 40.57 ug/ml



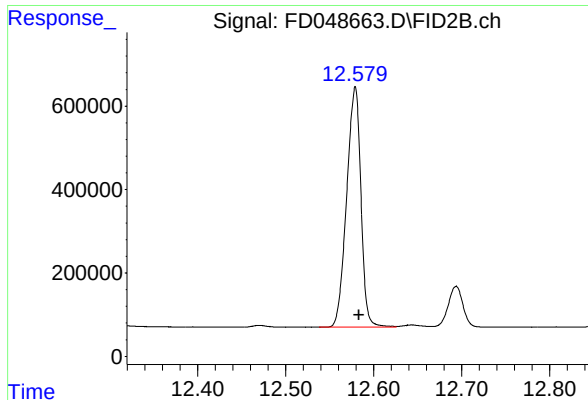
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 7117157
Conc: 41.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: -0.005 min
Response: 6999864
Conc: 42.53 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 6499653
Conc: 40.35 ug/ml

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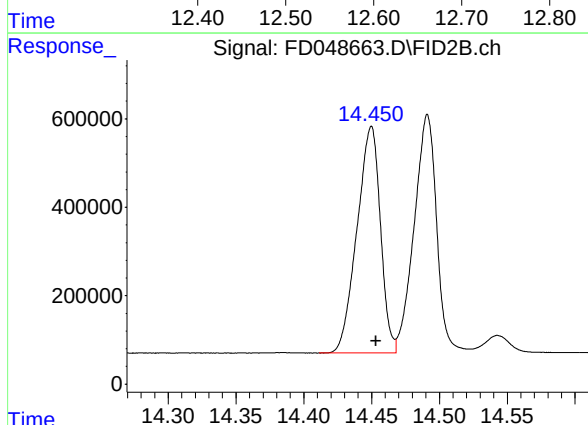
ClientSampleId :

PB164618BSD

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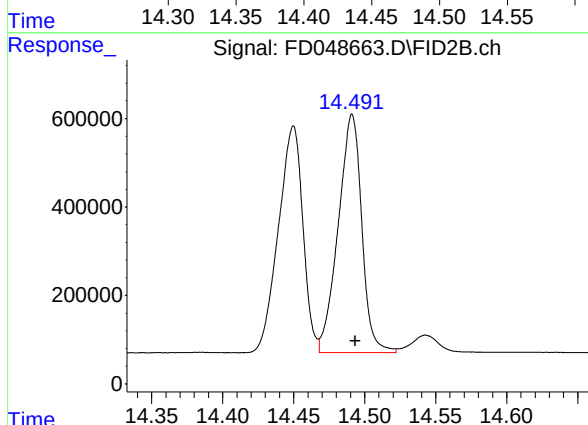
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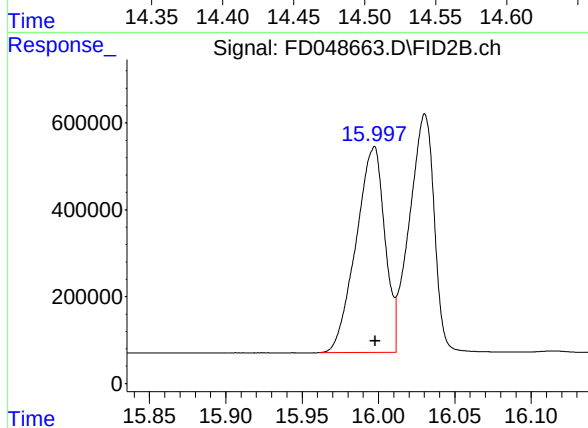
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: -0.004 min
Response: 6164224
Conc: 42.16 ug/ml



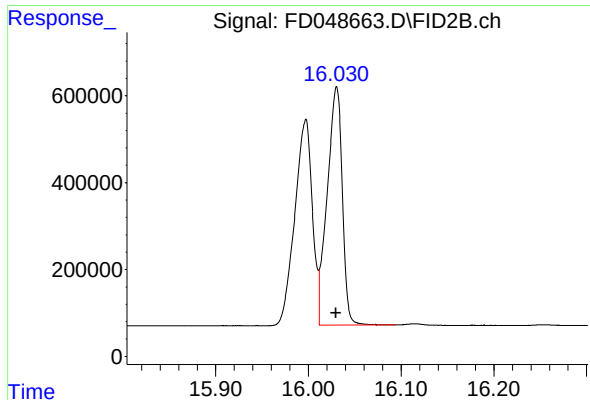
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 6221092
Conc: 37.82 ug/ml



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

R.T.: 15.996 min
Delta R.T.: -0.001 min
Response: 6225451
Conc: 40.95 ug/ml



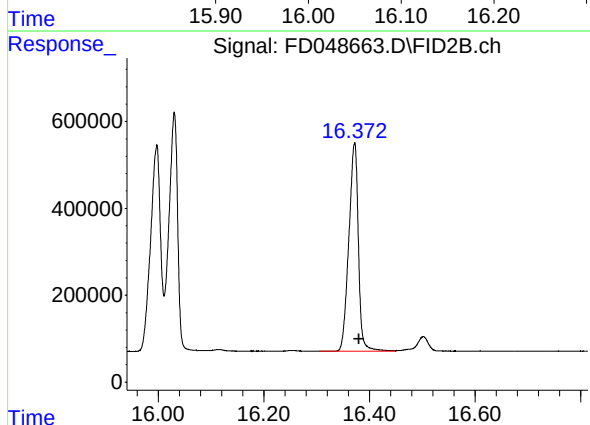
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 6223184
Conc: 41.40 ug/ml

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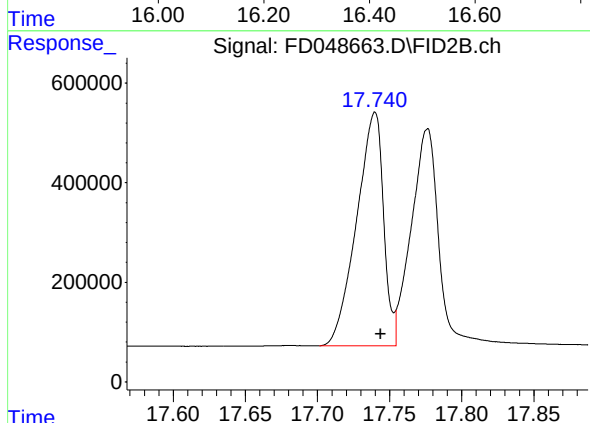
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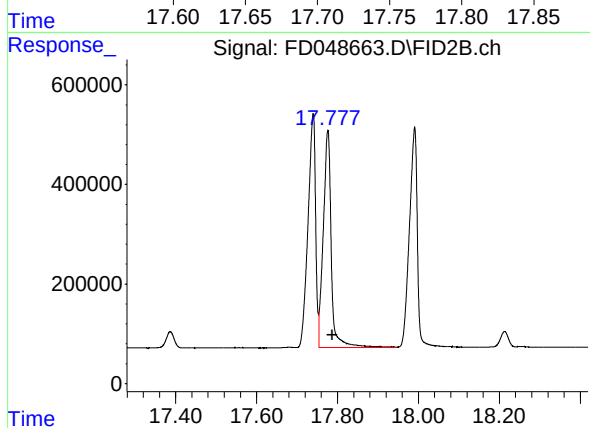
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.009 min
Response: 6037781
Conc: 40.12 ug/ml



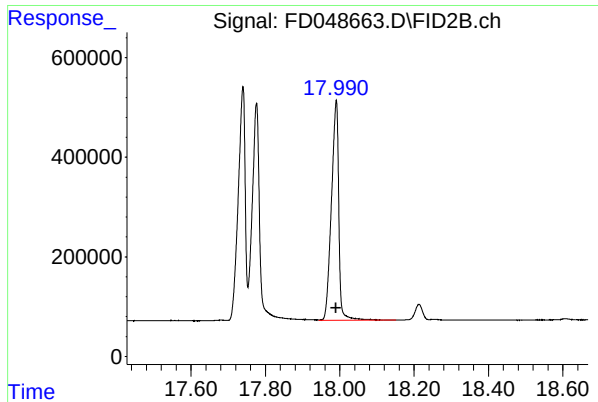
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: -0.005 min
Response: 6126712
Conc: 46.96 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.011 min
Response: 5987680
Conc: 36.79 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 6053203
Conc: 39.54 ug/ml

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