

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048608.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 17:03
 Operator : YP/AJ
 Sample : P4518-05MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EX-5-TPH-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e
 Quant Time: Oct 30 02:37:54 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...	7.374	9478602	62.450 ug/mlm
Spiked Amount 50.000		Recovery =	124.90%
6) S 2-Fluorobiphenyl (SURR)	8.227	5592057	56.950 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.90%
11) S ortho-Terphenyl (SURR)	11.263	6010687	35.286 ug/mlm
Spiked Amount 50.000		Recovery =	70.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	7796308	44.814 ug/mlm
2) T Naphthalene (C11.7)	5.714	9718350	54.465 ug/mlm
3) T 2-Methylnaphthalene (...)	6.764	14050183	78.552 ug/ml
5) T Acenaphthylene (C15.06)	8.033	14342402	81.680 ug/mlm
7) T Acenaphthene (C15.5)	8.327	11754591	66.274 ug/mlm
8) T Fluorene (C16.55)	9.109	12993750	76.869 ug/mlm
9) T Phenanthrene (C19.36)	10.499	14061554	85.064 ug/mlm
10) T Anthracene (C19.43)	10.573	11491196	71.860 ug/mlm
12) T Fluoranthene (C21.85)	12.302	11491186	69.823 ug/mlm
13) T Pyrene (C20.8)	12.595	11093012	68.868 ug/mlm
14) T Benzo[a]anthracene (C...	14.459	9826901	67.208 ug/ml
15) T Chrysene (C27.41)	14.503	9689328	58.904 ug/ml
16) T benzo[b]fluoranthene ...	16.009	9482357	62.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	9010679	59.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	8889150	59.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	9638358	73.870 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	8766635	53.871 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	8688529	56.754 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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Sample    : P4518-05MSD  
Misc      :  
ALS Vial  : 71 Sample Multiplier: 1
```

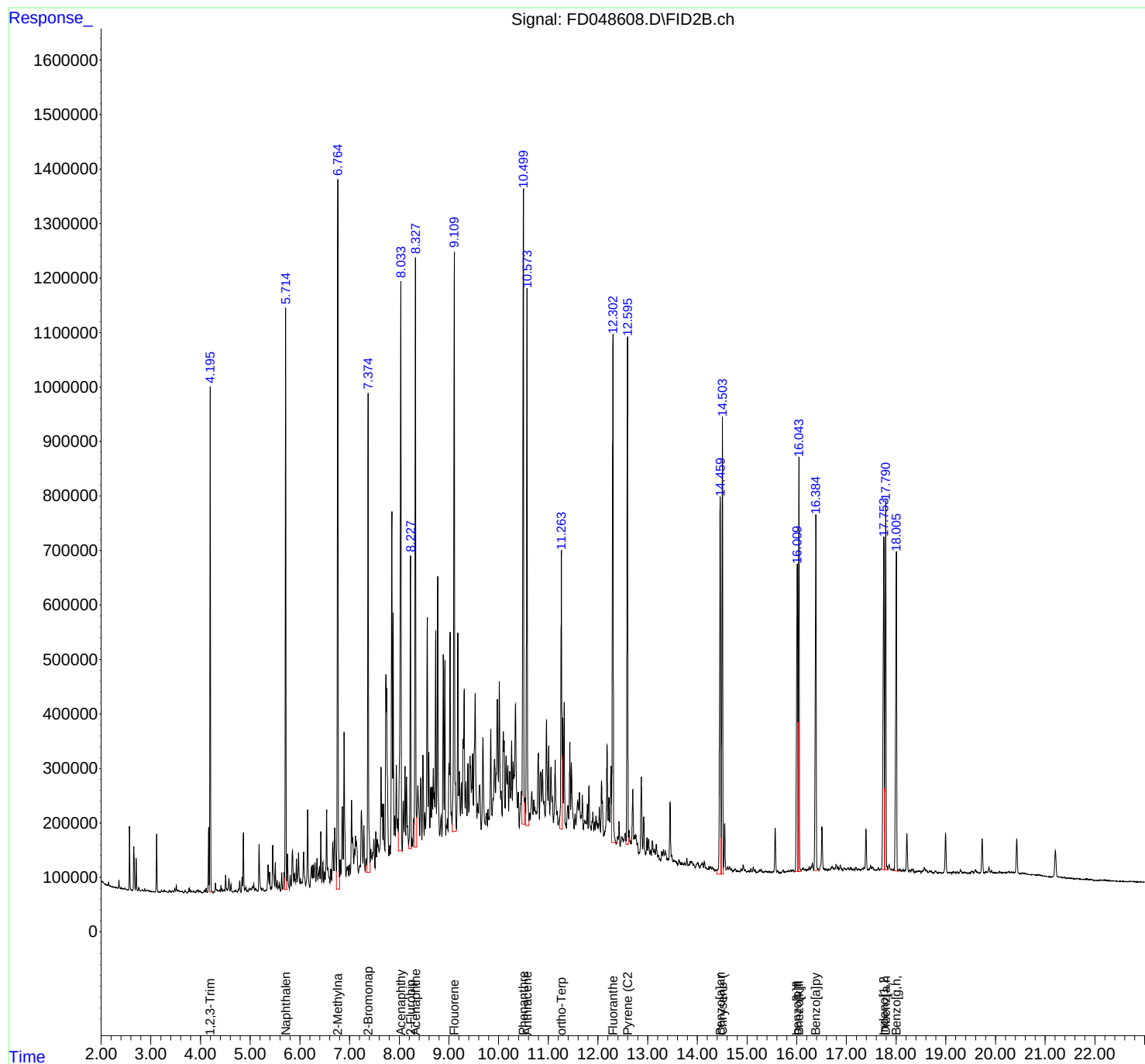
Instrument :
FID_D
ClientSampleId :
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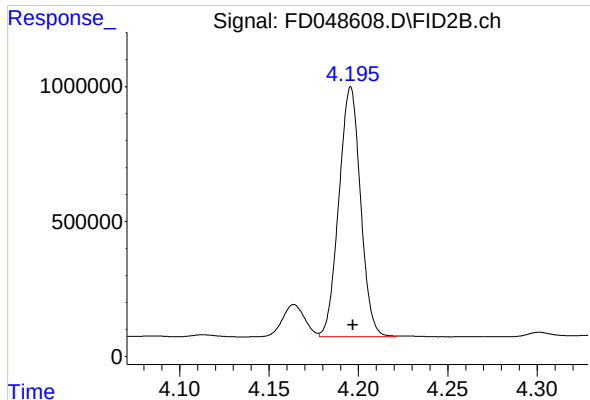
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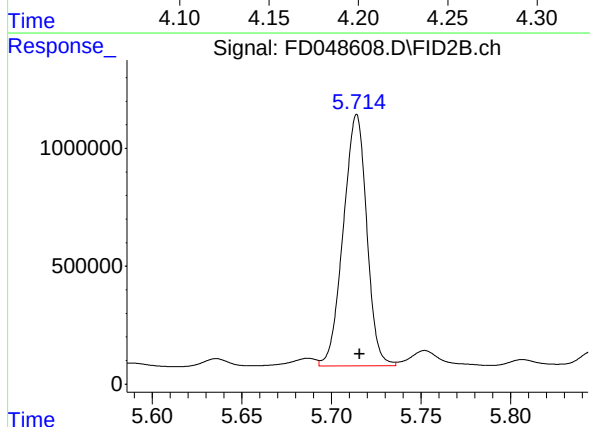
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 7796308
Conc: 44.81 ug/ml

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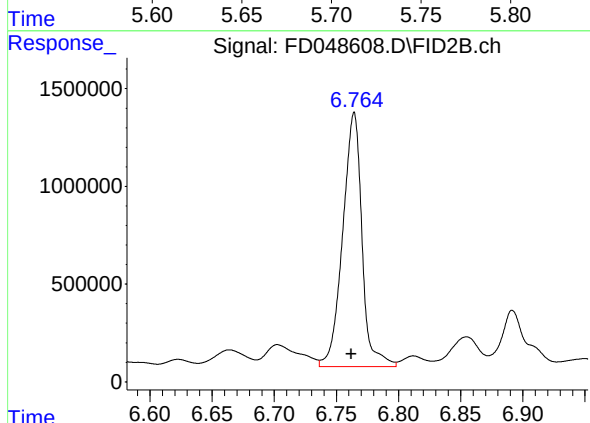
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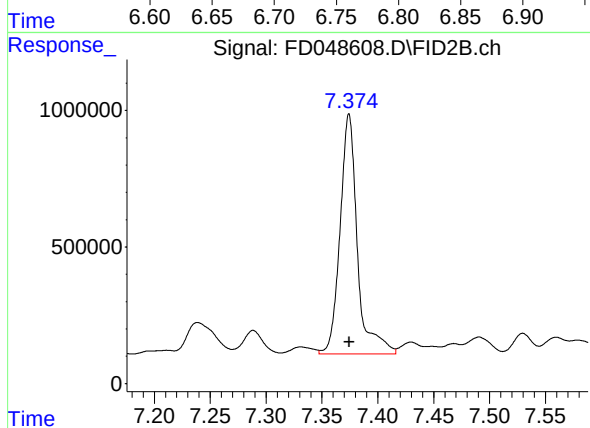
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 9718350
Conc: 54.46 ug/ml



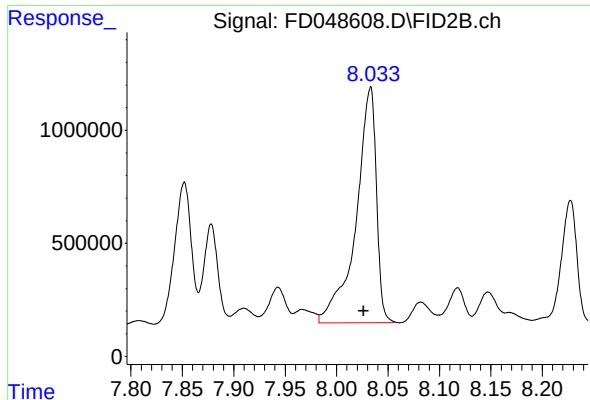
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 14050183
Conc: 78.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 9478602
Conc: 62.45 ug/ml



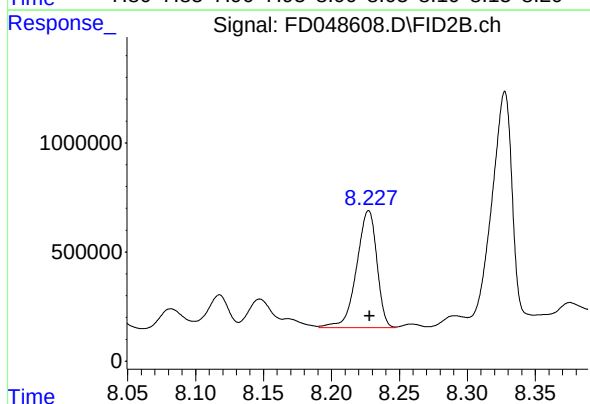
#5 Acenaphthylene (C15.06)

R.T.: 8.033 min
Delta R.T.: 0.007 min
Response: 14342402
Conc: 81.68 ug/ml

Instrument :
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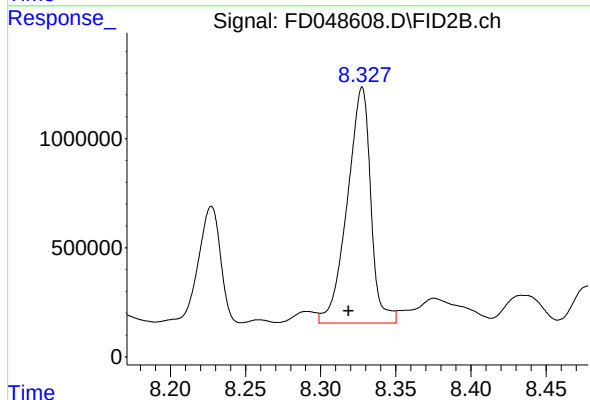
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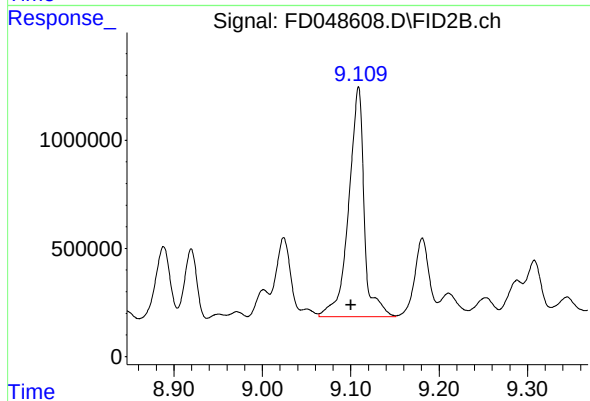
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.001 min
Response: 5592057
Conc: 56.95 ug/ml m



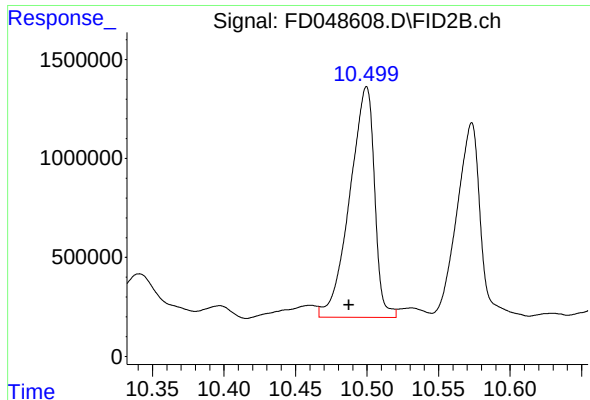
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.009 min
Response: 11754591
Conc: 66.27 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.008 min
Response: 12993750
Conc: 76.87 ug/ml m



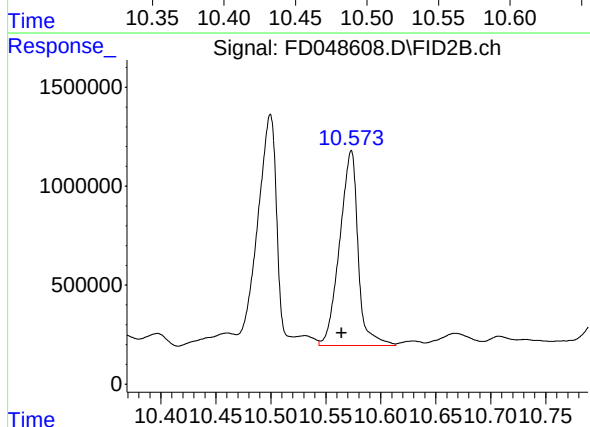
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: 0.012 min
Response: 14061554
Conc: 85.06 ug/ml

Instrument :
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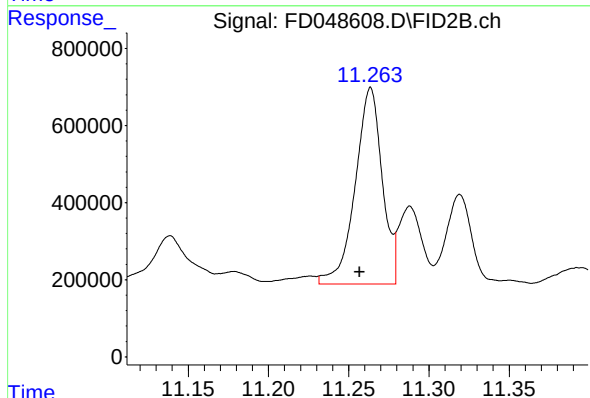
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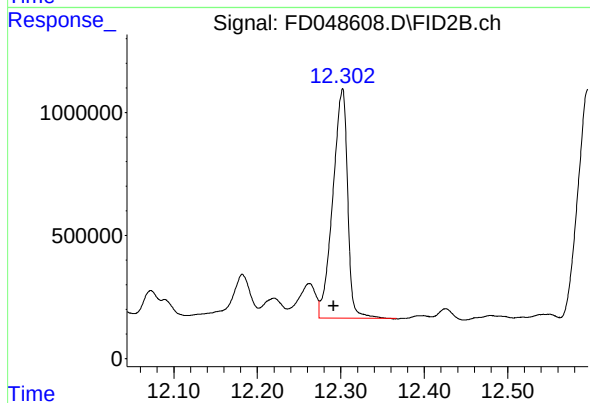
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: 0.008 min
Response: 11491196
Conc: 71.86 ug/ml



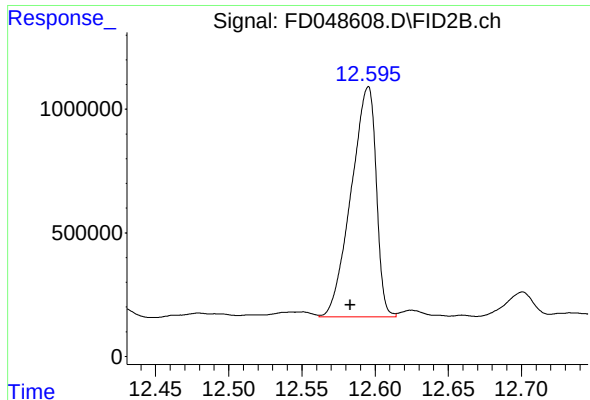
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: 0.006 min
Response: 6010687
Conc: 35.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: 0.011 min
Response: 11491186
Conc: 69.82 ug/ml



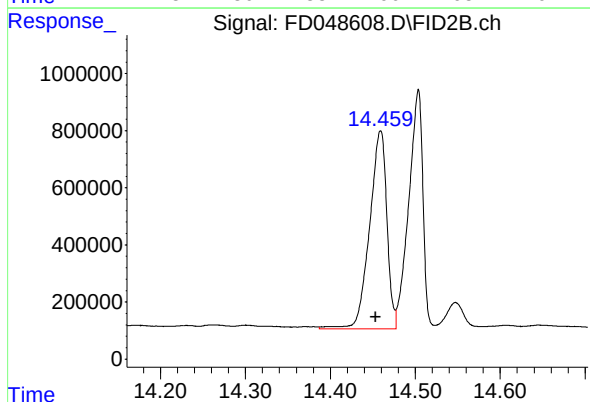
#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: 0.012 min
Response: 11093012
Conc: 68.87 ug/ml

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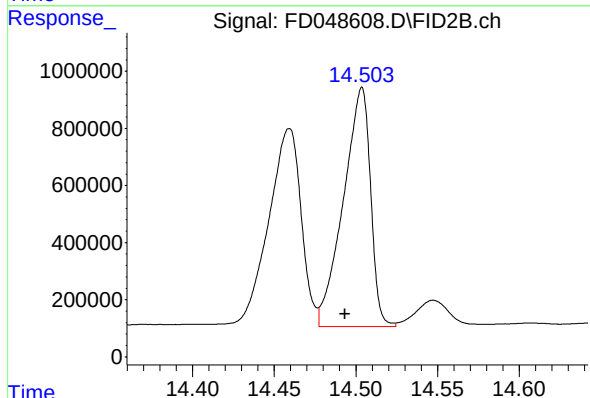
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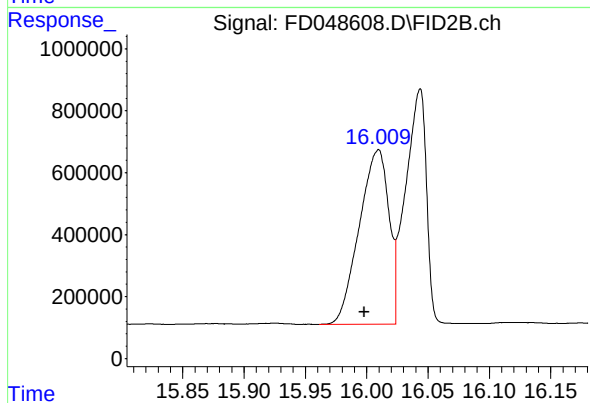
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: 0.005 min
Response: 9826901
Conc: 67.21 ug/ml



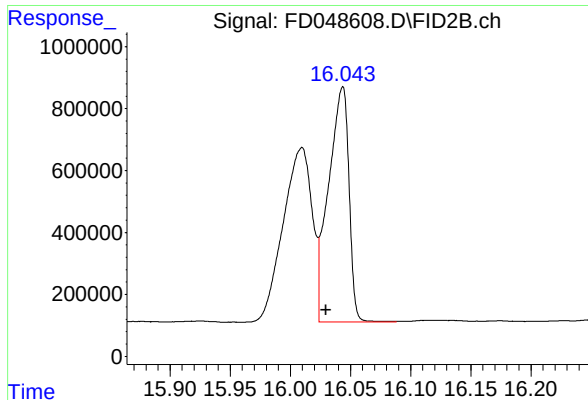
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: 0.010 min
Response: 9689328
Conc: 58.90 ug/ml



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

R.T.: 16.009 min
Delta R.T.: 0.011 min
Response: 9482357
Conc: 62.37 ug/ml



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

R.T.: 16.043 min
Delta R.T.: 0.013 min
Response: 9010679
Conc: 59.95 ug/ml

Instrument :

FID_D

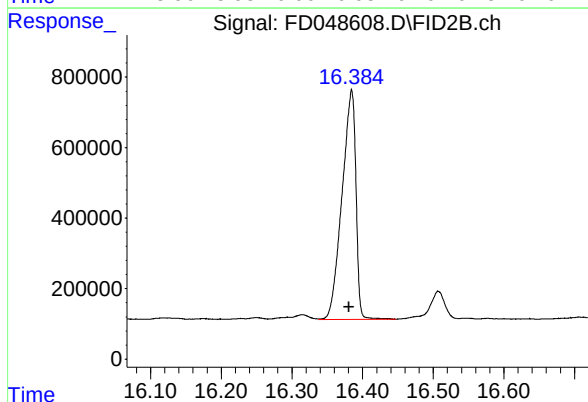
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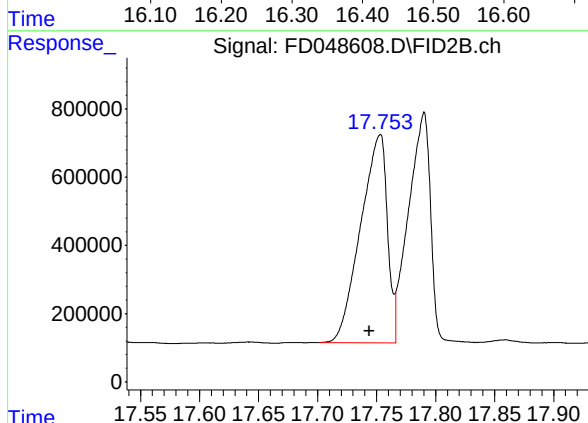
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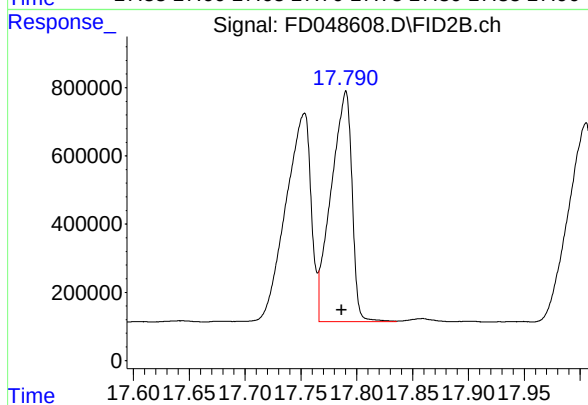
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.003 min
Response: 8889150
Conc: 59.07 ug/ml



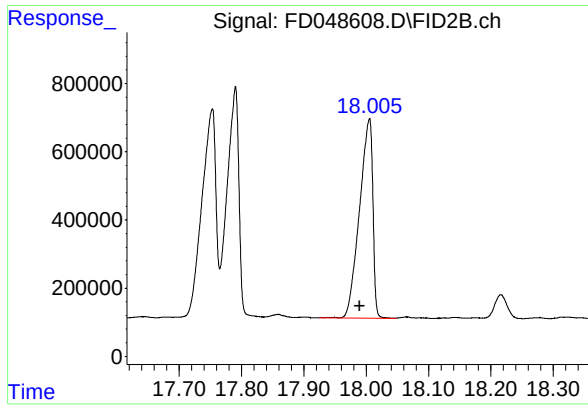
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: 0.008 min
Response: 9638358
Conc: 73.87 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.003 min
Response: 8766635
Conc: 53.87 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.014 min
Response: 8688529
Conc: 56.75 ug/ml

Instrument :

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ClientSampleId :

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