

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045629.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 20:55
 Operator : YP/AJ
 Sample : 02627-01MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

T-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/09/2023

Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e

Quant Time: May 09 03:43:34 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 2023

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...	7.544	7985885	46.818 ug/ml
Spiked Amount 50.000		Recovery =	93.64%
6) S 2-Fluorobiphenyl (SURR)	8.401	5325301	46.317 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.63%
11) S ortho-Terphenyl (SURR)	11.439	6001845	28.428 ug/ml
Spiked Amount 50.000		Recovery =	56.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	6074619	32.543 ug/ml
2) T Naphthalene (C11.7)	5.882	7110773	36.150 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	7362793	37.271 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8126792	45.233 ug/ml
7) T Acenaphthene (C15.5)	8.502	8545021	44.903 ug/ml
8) T Fluorene (C16.55)	9.280	8420528	44.649 ug/ml
9) T Phenanthrene (C19.36)	10.672	8501055	45.735 ug/ml
10) T Anthracene (C19.43)	10.748	8540248	47.772 ug/ml
12) T Fluoranthene (C21.85)	12.478	8424064	46.697 ug/ml
13) T Pyrene (C20.8)	12.774	8436659	48.138 ug/ml
14) T Benzo[a]anthracene (C...	14.638	7844993	49.287 ug/ml
15) T Chrysene (C27.41)	14.682	7699434	47.417 ug/ml
16) T benzo[b]fluoranthene ...	16.181	7640655	51.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7416287	51.291 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.556	6631072	47.559 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6371640	50.150 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	6534873	50.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	6462663	50.244 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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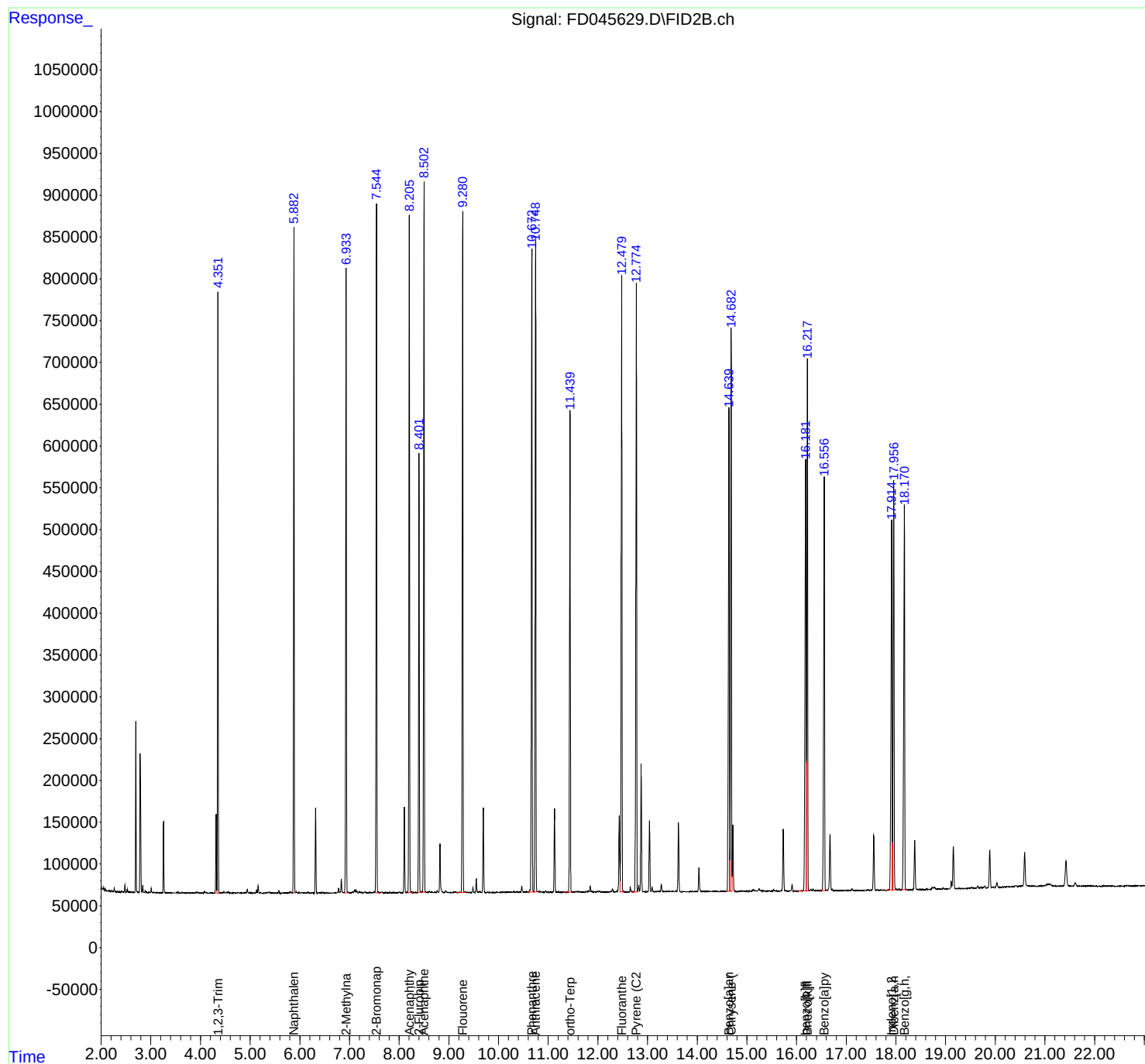
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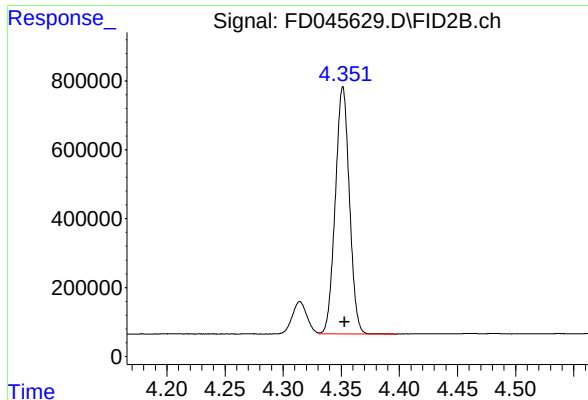
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 6074619
Conc: 32.54 ug/ml

Instrument :

FID_D

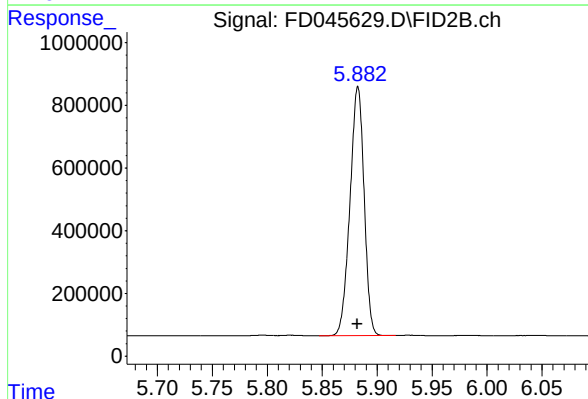
ClientSampleId :

T-1MS

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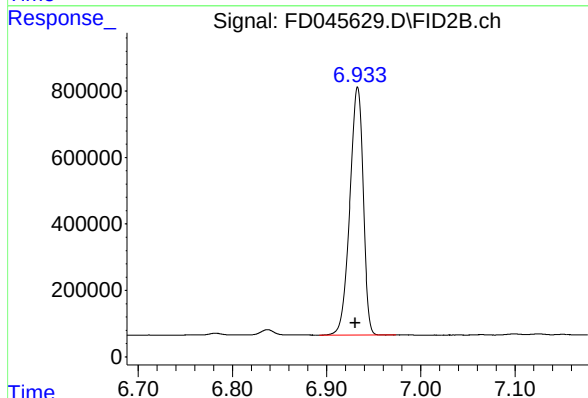
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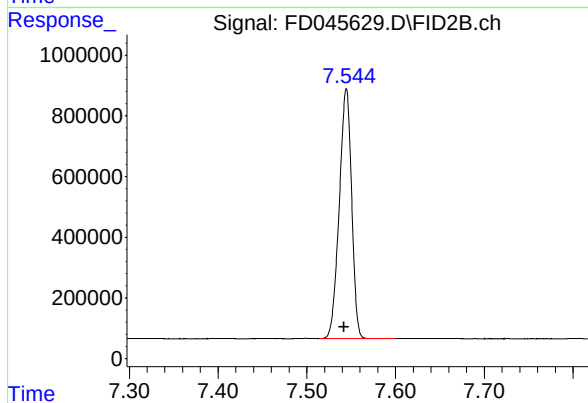
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 7110773
Conc: 36.15 ug/ml



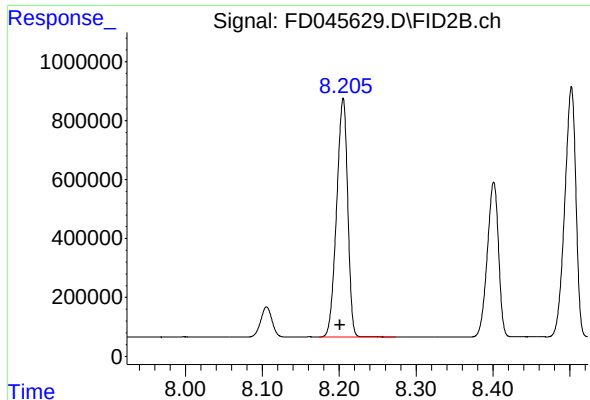
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.003 min
Response: 7362793
Conc: 37.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 7985885
Conc: 46.82 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 8126792
Conc: 45.23 ug/ml

Instrument :

FID_D

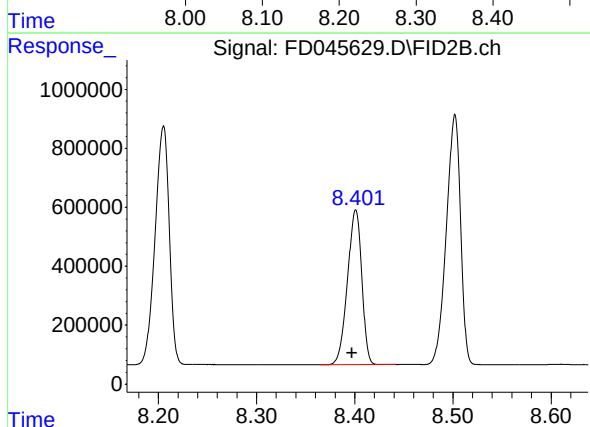
ClientSampleId :

T-1MS

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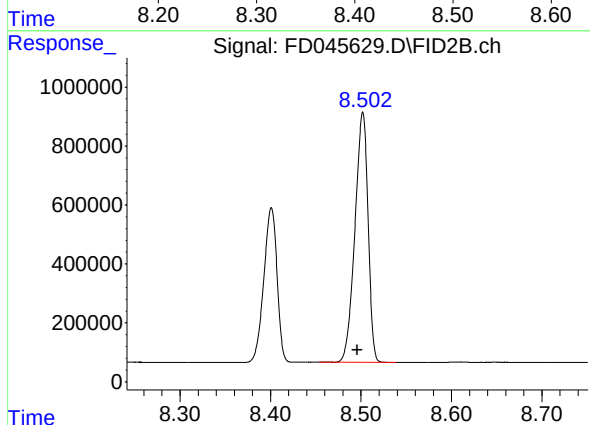
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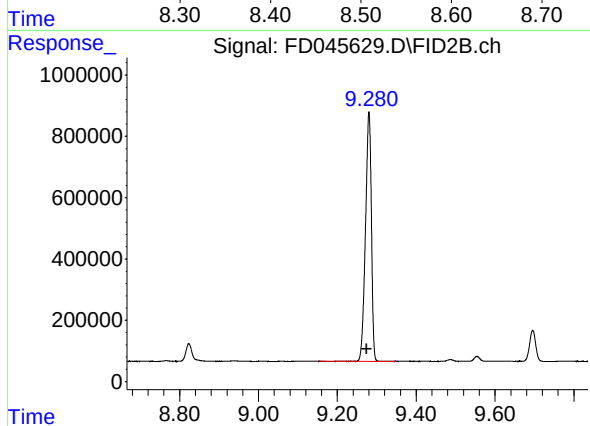
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 5325301
Conc: 46.32 ug/ml



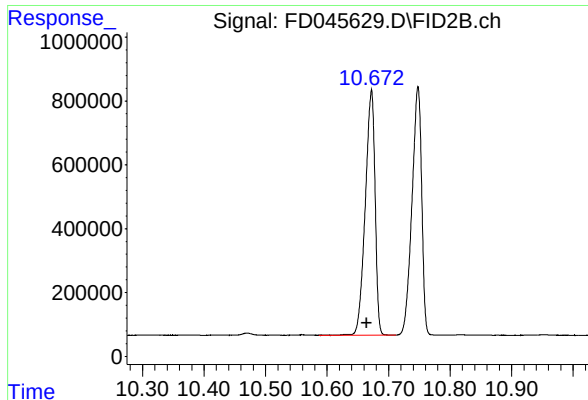
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 8545021
Conc: 44.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.006 min
Response: 8420528
Conc: 44.65 ug/ml



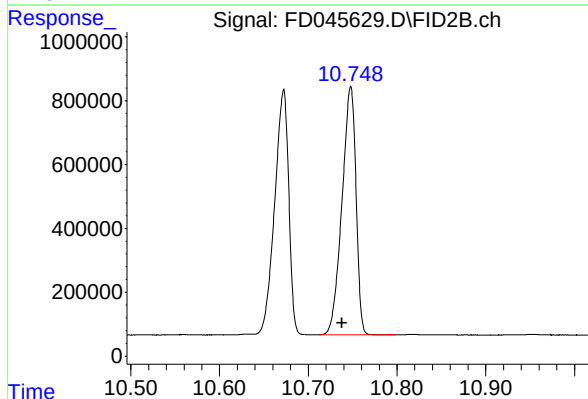
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: 0.007 min
Response: 8501055
Conc: 45.74 ug/ml

Instrument :
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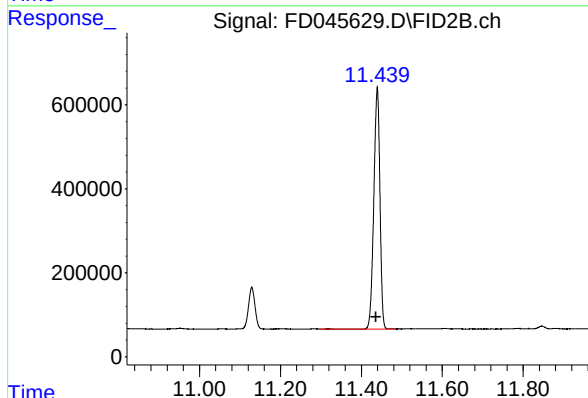
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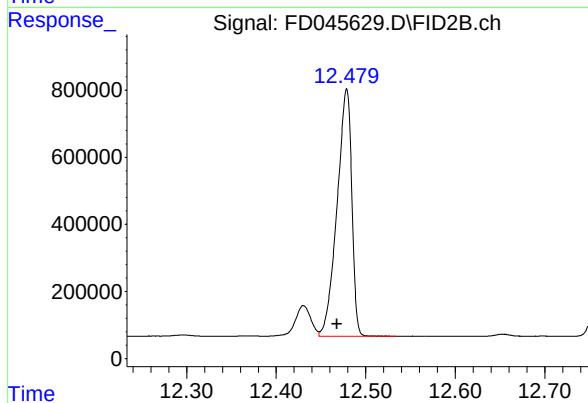
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.009 min
Response: 8540248
Conc: 47.77 ug/ml



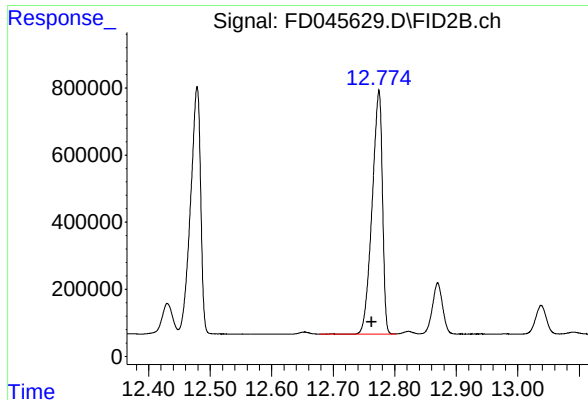
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 6001845
Conc: 28.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: 0.010 min
Response: 8424064
Conc: 46.70 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: 0.011 min
Response: 8436659
Conc: 48.14 ug/ml

Instrument :

FID_D

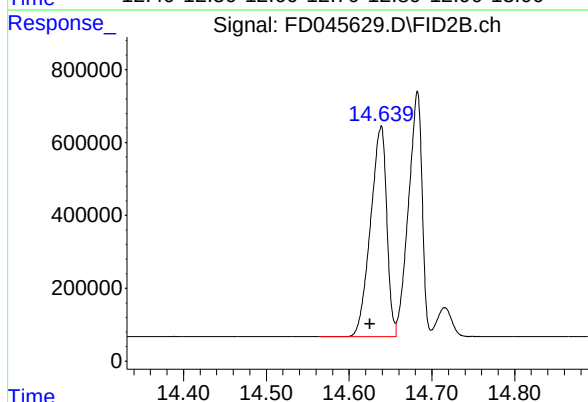
ClientSampleId :

T-1MS

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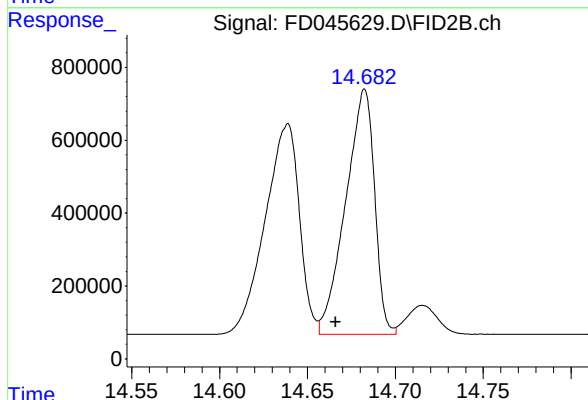
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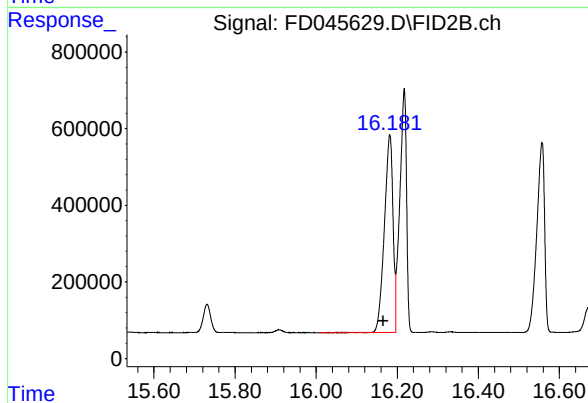
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.013 min
Response: 7844993
Conc: 49.29 ug/ml



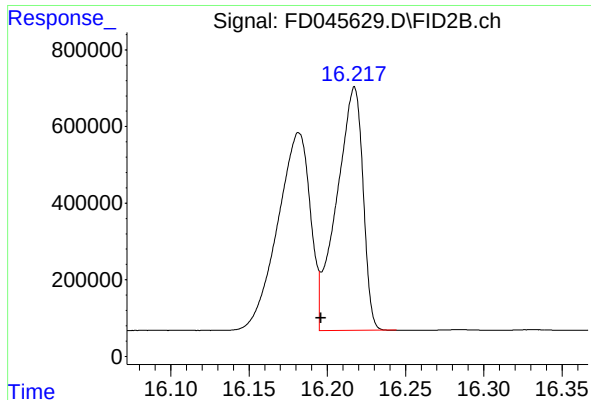
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.016 min
Response: 7699434
Conc: 47.42 ug/ml



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

R.T.: 16.181 min
Delta R.T.: 0.016 min
Response: 7640655
Conc: 51.88 ug/ml



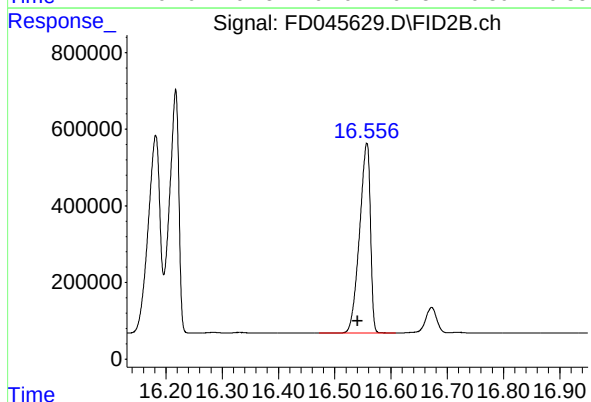
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 7416287
Conc: 51.29 ug/ml

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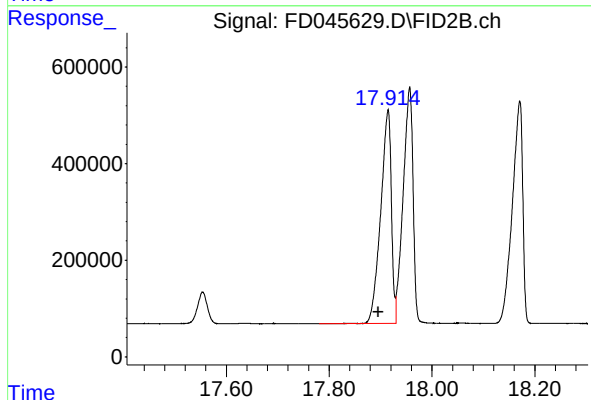
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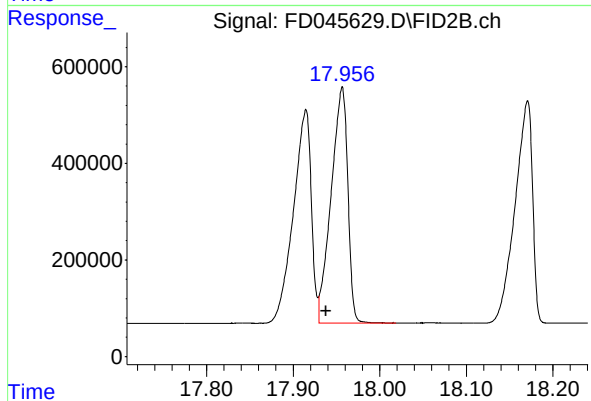
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: 0.016 min
Response: 6631072
Conc: 47.56 ug/ml



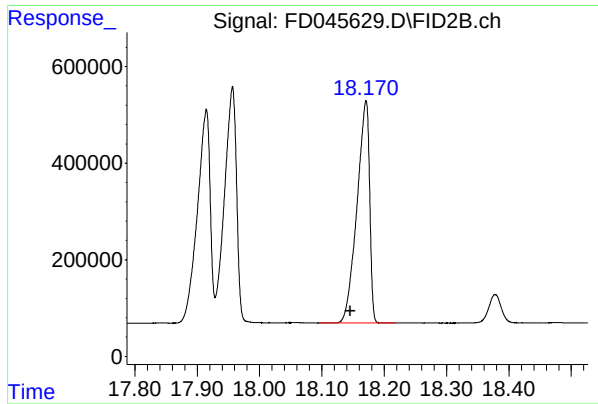
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 6371640
Conc: 50.15 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 6534873
Conc: 50.88 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.024 min
Response: 6462663
Conc: 50.24 ug/ml

Instrument :

FID_D

ClientSampleId :

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