



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID:	100 PPM AROMATIC HC	Acq On:	21 Apr 2023 15:37
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045518.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.254	5.986	32329593.000	200.000	ug/ml
Aromatic C12-C16	5.987	8.601	47199974.000	300.000	ug/ml
Aromatic C16-C21	8.602	12.867	56234431.000	400.000	ug/ml
Aromatic C21-C36	12.868	18.256	116050410.000	900.000	ug/ml
Aromatic EPH	4.254	18.256	251814408.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045518.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 15:37
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 24 08:33:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:30:38 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...	7.552	14144015	97.831 ug/ml
Spiked Amount 50.000		Recovery =	195.66%
6) S 2-Fluorobiphenyl (SURR)	8.409	9321712	99.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.93%#
11) S ortho-Terphenyl (SURR)	11.450	17407295	97.265 ug/ml
Spiked Amount 50.000		Recovery =	194.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	15912013	94.967 ug/ml
2) T Naphthalene (C11.7)	5.892	16417580	95.929 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	16432740	97.128 ug/ml
5) T Acenaphthylene (C15.06)	8.214	14848045	98.150 ug/ml
7) T Acenaphthene (C15.5)	8.512	15919189	98.188 ug/ml
8) T Fluorene (C16.55)	9.289	15375771	99.821 ug/ml
9) T Phenanthrene (C19.36)	10.680	14792070	99.162 ug/ml
10) T Anthracene (C19.43)	10.755	11949689	92.509 ug/ml
12) T Fluoranthene (C21.85)	12.487	14455903	98.221 ug/ml
13) T Pyrene (C20.8)	12.783	14116901	98.410 ug/ml
14) T Benzo[a]anthracene (C...	14.646	12910601	98.520 ug/ml
15) T Chrysene (C27.41)	14.694	13413522	98.261 ug/ml
16) T benzo[b]fluoranthene ...	16.191	13258368	99.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	12754672	94.635 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.570	12625110	98.667 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	12340580	98.239 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	11653337	84.689 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.189	12638317	96.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
Data File : FD045518.D
Signal(s) : FID2B.ch
Acq On : 21 Apr 2023 15:37
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 56 Sample Multiplier: 1

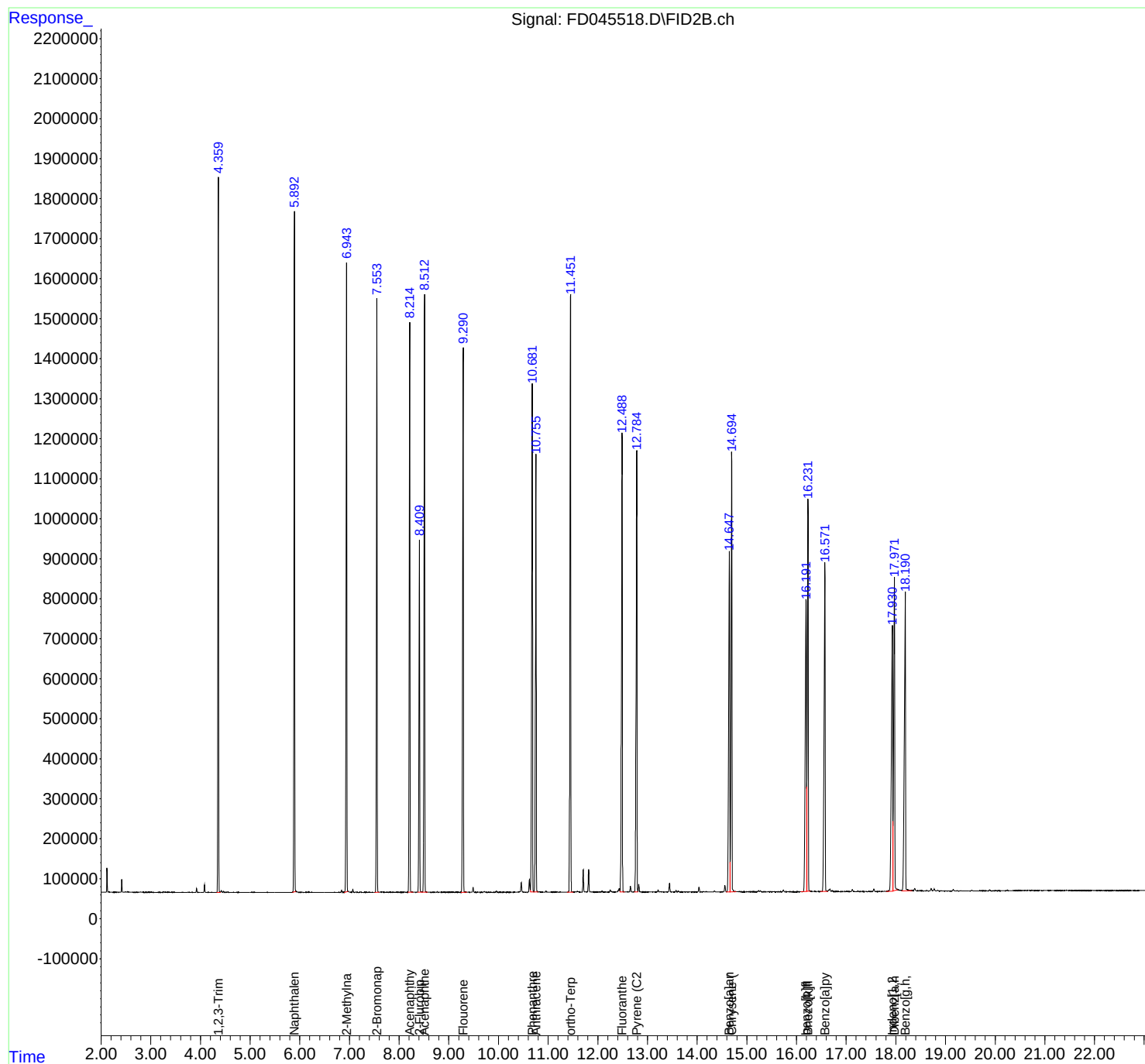
Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

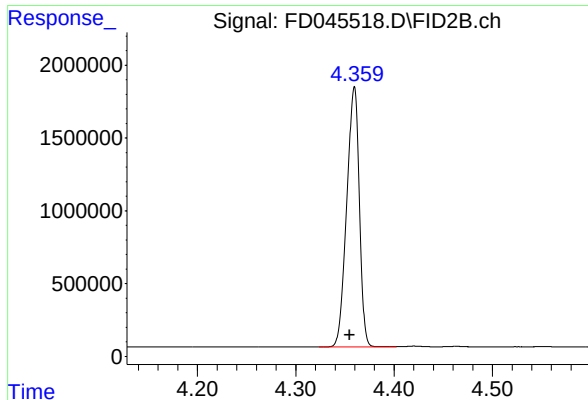
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Integration File: autoint1.e
Quant Time: Apr 24 08:33:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Mon Apr 24 08:30:38 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.359 min
Delta R.T.: 0.004 min
Response: 15912013
Conc: 94.97 ug/ml

Instrument :

FID_D

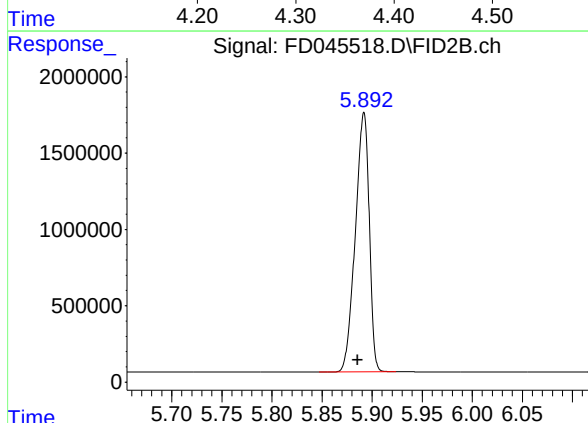
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100 PPM AROMATIC HC STD1

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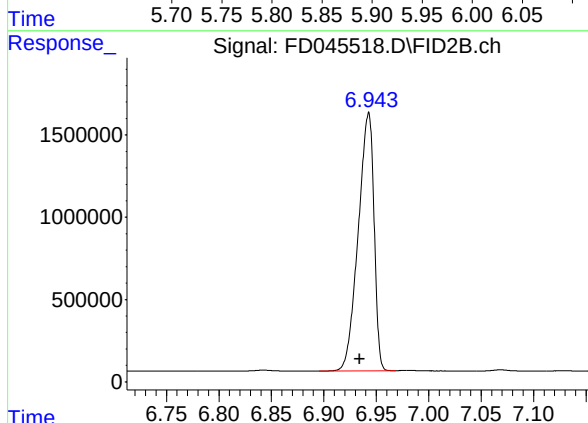
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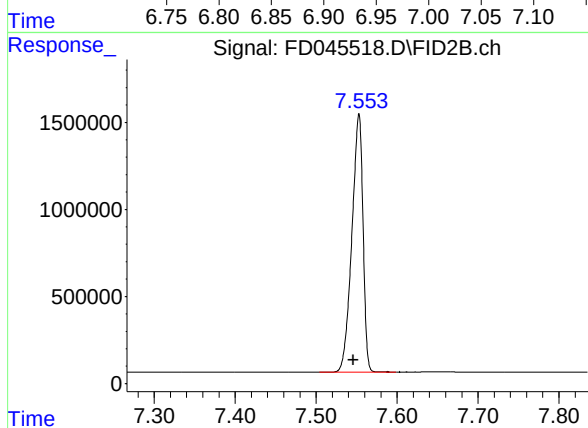
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.006 min
Response: 16417580
Conc: 95.93 ug/ml



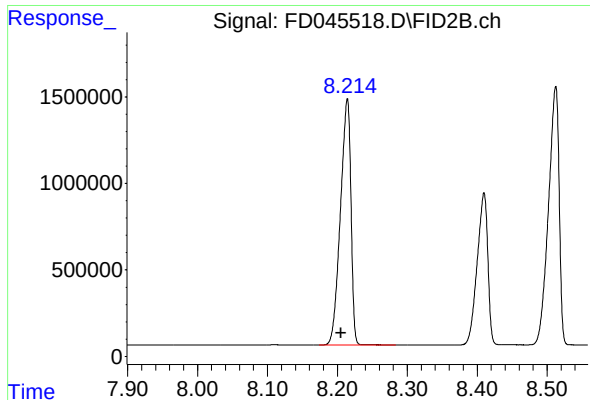
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: 0.008 min
Response: 16432740
Conc: 97.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.006 min
Response: 14144015
Conc: 97.83 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: 0.008 min
Response: 14848045
Conc: 98.15 ug/ml

Instrument :

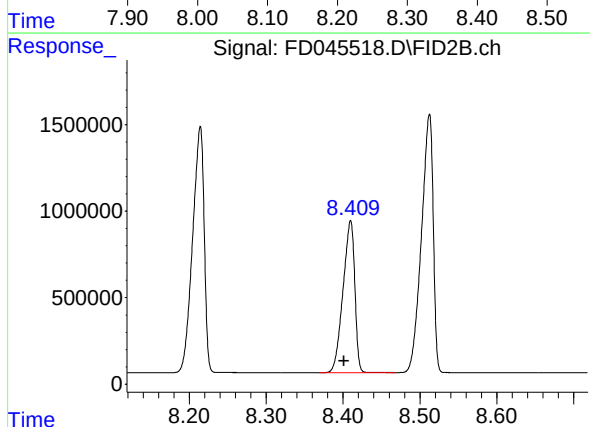
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ClientSampleId :

100 PPM AROMATIC HC STD1

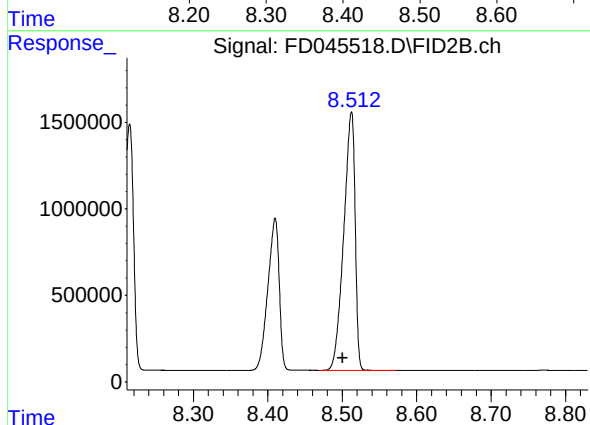
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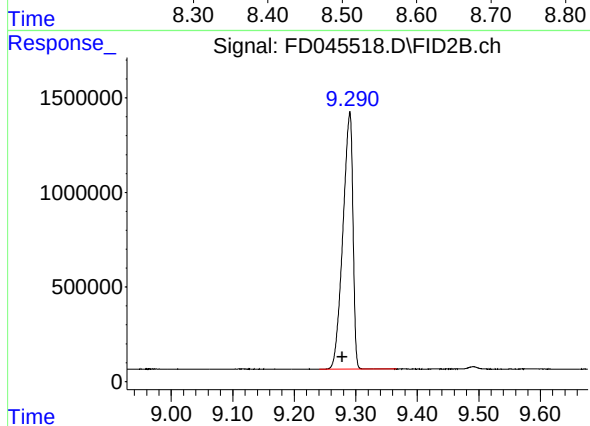
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: 0.008 min
Response: 9321712
Conc: 99.97 ug/ml



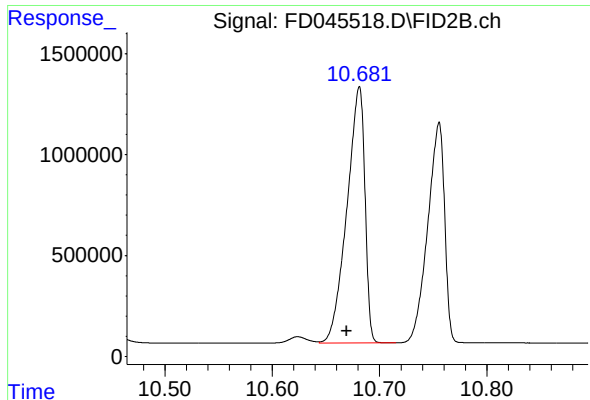
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: 0.011 min
Response: 15919189
Conc: 98.19 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.289 min
Delta R.T.: 0.011 min
Response: 15375771
Conc: 99.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: 0.011 min
Response: 14792070
Conc: 99.16 ug/ml

Instrument :

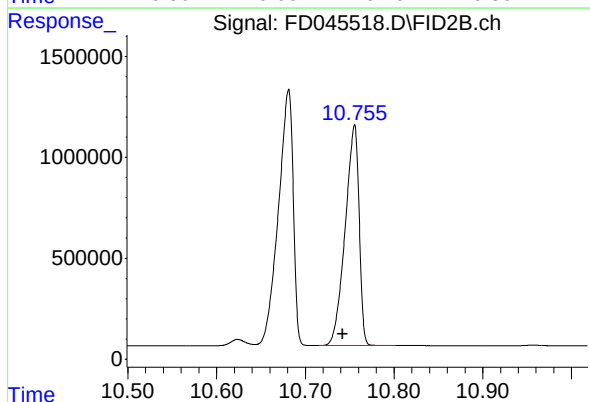
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ClientSampleId :

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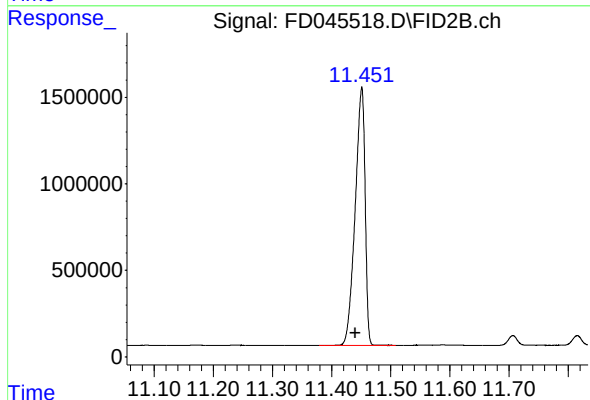
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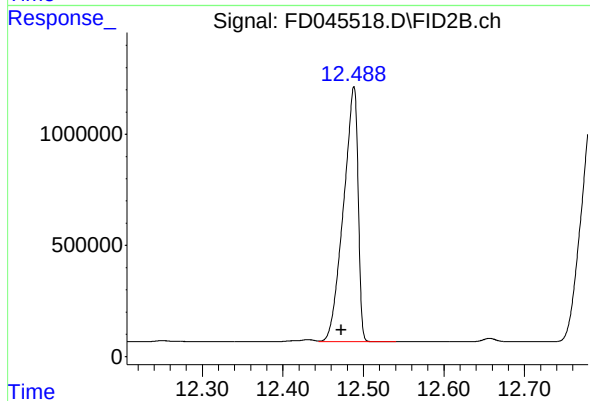
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: 0.012 min
Response: 11949689
Conc: 92.51 ug/ml



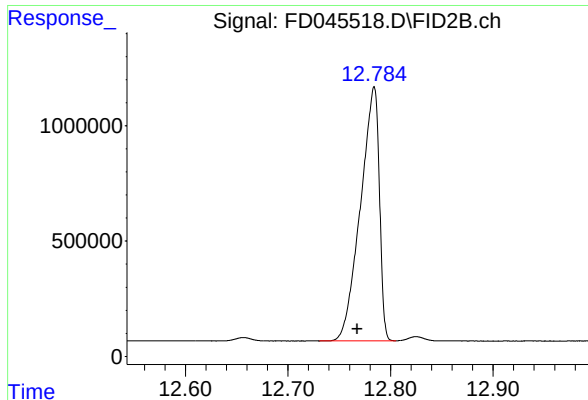
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.010 min
Response: 17407295
Conc: 97.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.487 min
Delta R.T.: 0.014 min
Response: 14455903
Conc: 98.22 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.783 min
Delta R.T.: 0.016 min
Response: 14116901
Conc: 98.41 ug/ml

Instrument :

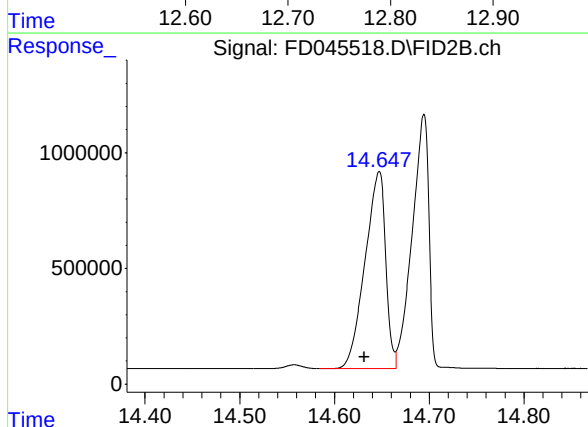
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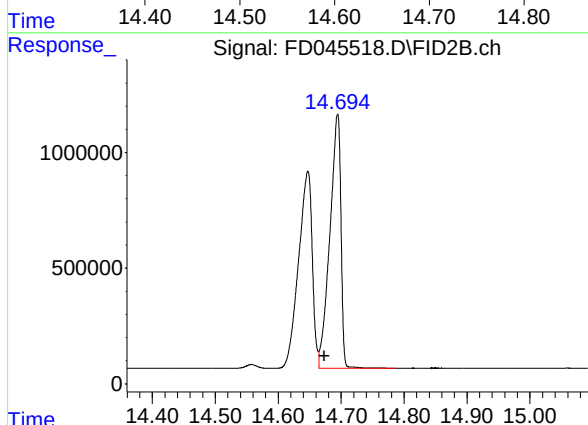
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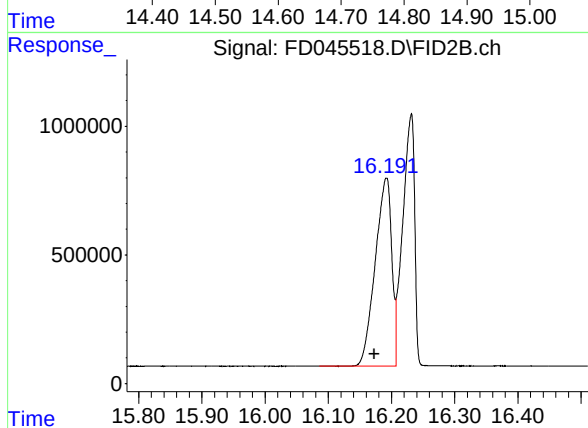
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: 0.015 min
Response: 12910601
Conc: 98.52 ug/ml



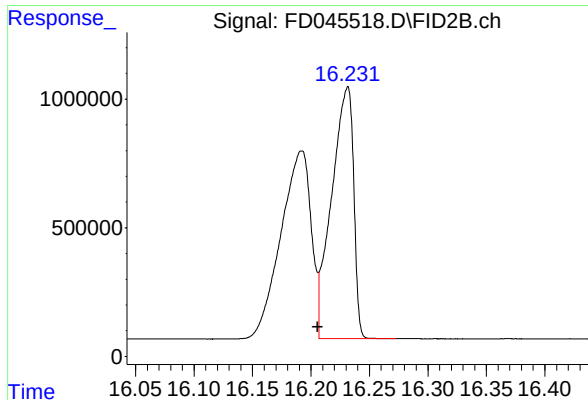
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: 0.021 min
Response: 13413522
Conc: 98.26 ug/ml



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

R.T.: 16.191 min
Delta R.T.: 0.019 min
Response: 13258368
Conc: 99.29 ug/ml



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

R.T.: 16.231 min
Delta R.T.: 0.026 min
Response: 12754672
Conc: 94.64 ug/ml

Instrument :

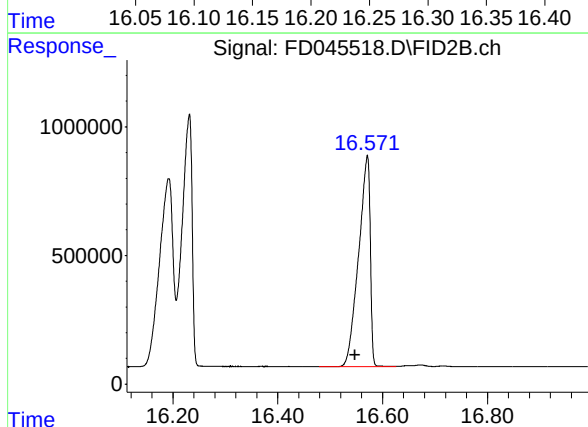
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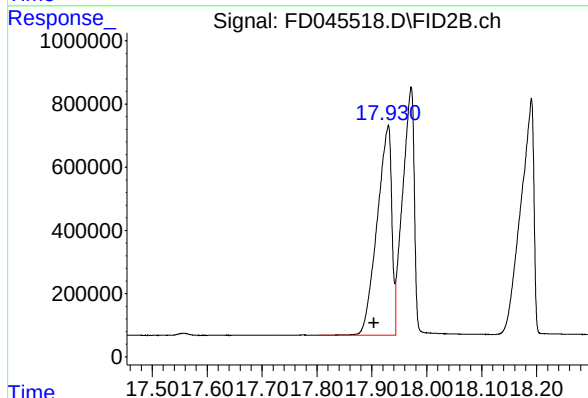
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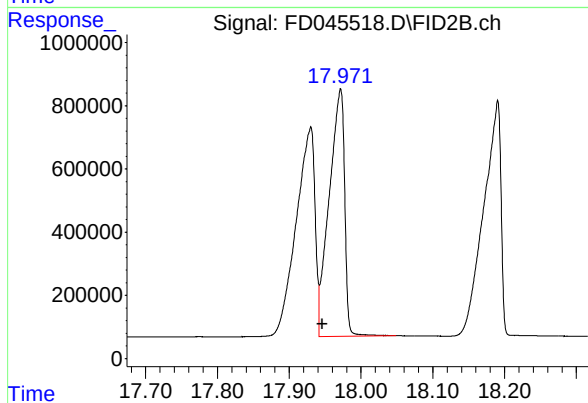
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.022 min
Response: 12625110
Conc: 98.67 ug/ml



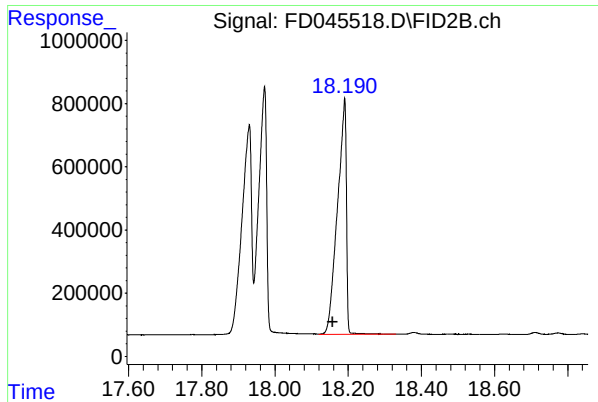
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: 0.025 min
Response: 12340580
Conc: 98.24 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.025 min
Response: 11653337
Conc: 84.69 ug/ml m



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

R.T.: 18.189 min
Delta R.T.: 0.032 min
Response: 12638317
Conc: 96.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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