



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

Lab Sample ID:	100 PPM AROMATIC HC	Acq On:	01 Mar 2023 10:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045192.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.262	5.992	27940882.000	200.000	ug/ml
Aromatic C12-C16	5.993	8.607	41555254.000	300.000	ug/ml
Aromatic C16-C21	8.608	12.876	52729151.000	400.000	ug/ml
Aromatic C21-C36	12.877	18.268	105517885.000	900.000	ug/ml
Aromatic EPH	4.262	18.268	227743172.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045192.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 10:09
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Ankita Jodhani 03/02/2023

Integration File: autoint1.e
 Quant Time: Mar 01 12:13:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 12:12:49 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...	7.558	12392272	94.105 ug/ml
Spiked Amount 50.000		Recovery =	188.21%
6) S 2-Fluorobiphenyl (SURR)	8.415	8331498	95.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	190.25%#
11) S ortho-Terphenyl (SURR)	11.457	15238290	94.262 ug/ml
Spiked Amount 50.000		Recovery =	188.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	13623616	92.538 ug/ml
2) T Naphthalene (C11.7)	5.896	14317266	93.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	14405244	93.335 ug/ml
5) T Acenaphthylene (C15.06)	8.219	13186431	94.356 ug/ml
7) T Acenaphthene (C15.5)	8.517	13963579	94.327 ug/ml
8) T Fluorene (C16.55)	9.295	13663894	95.089 ug/ml
9) T Phenanthrene (C19.36)	10.687	13305311	95.711 ug/ml
10) T Anthracene (C19.43)	10.763	13109810	96.103 ug/ml
12) T Fluoranthene (C21.85)	12.495	12951783	95.445 ug/ml
13) T Pyrene (C20.8)	12.790	12650136	95.240 ug/ml
14) T Benzo[a]anthracene (C...	14.655	11788592	94.847 ug/ml
15) T Chrysene (C27.41)	14.702	12011231	94.654 ug/ml
16) T benzo[b]fluoranthene ...	16.201	11863142	94.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.239	11450551	93.193 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.580	11566625	94.264 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	11463650	97.752 ug/ml
20) T Dibenz[a,h]anthracene...	17.982	10960340	92.260 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.199	11461971	94.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
Data File : FD045192.D
Signal(s) : FID2B.ch
Acq On : 01 Mar 2023 10:09
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 52 Sample Multiplier: 1

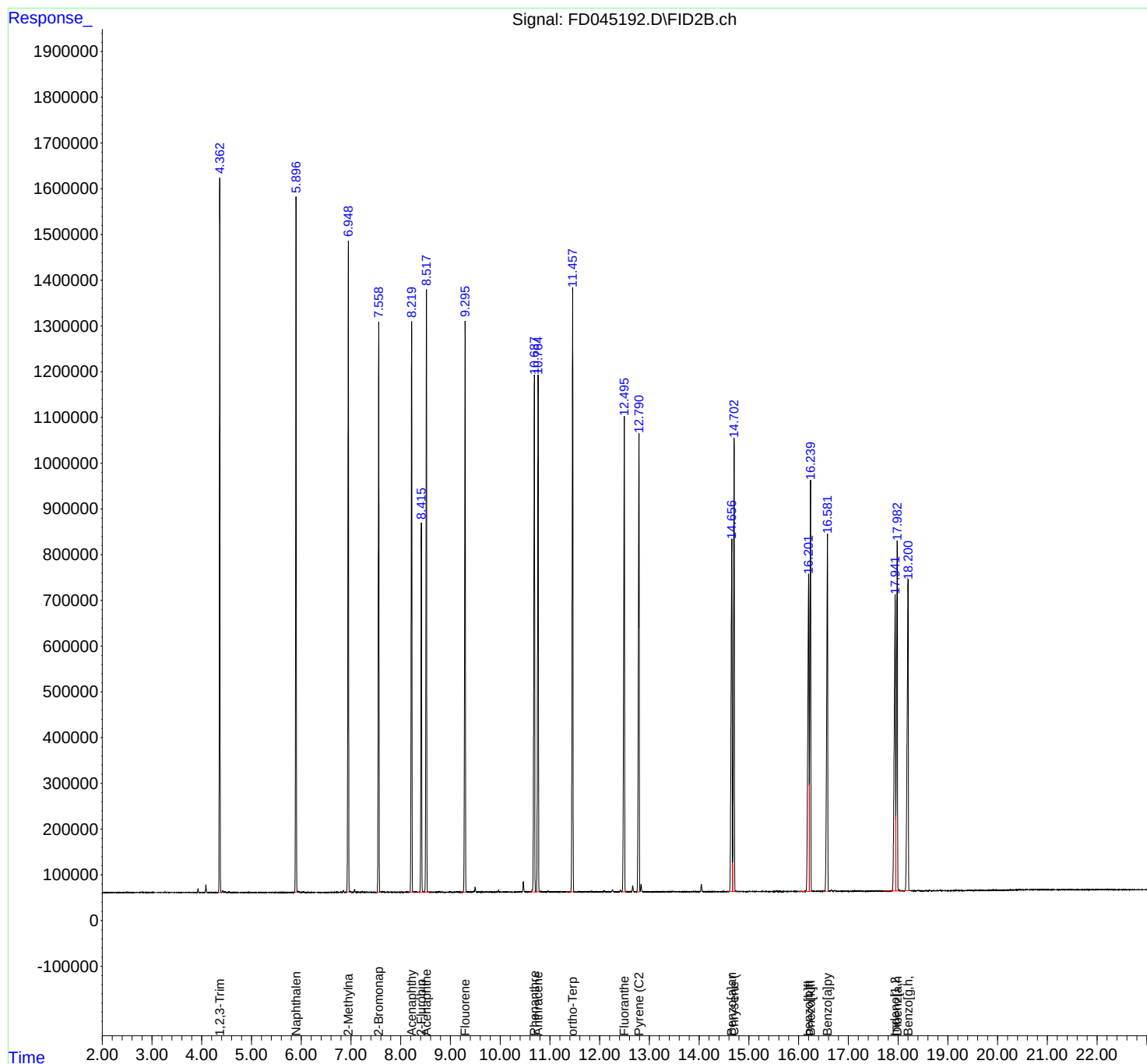
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FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

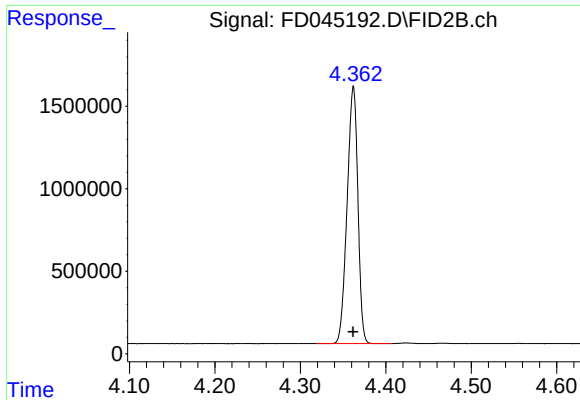
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Integration File: autoint1.e
Quant Time: Mar 01 12:13:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
Quant Title : GC Extractables
QLast Update : Wed Mar 01 12:12:49 2023
Response via : Initial Calibration
Integrator: 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.: 4.362 min
Delta R.T.: 0.000 min
Response: 13623616
Conc: 92.54 ug/ml

Instrument :

FID_D

ClientSampleId :

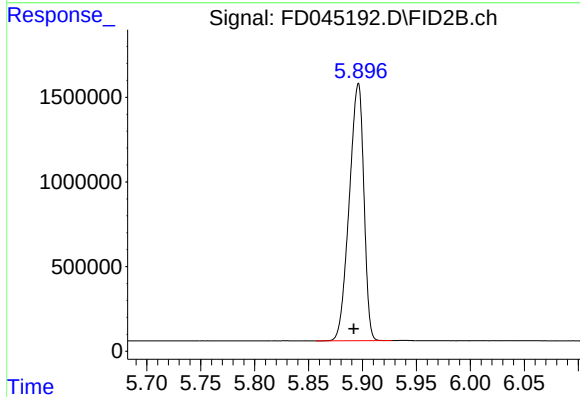
100 PPM AROMATIC HC STD1

Manual Integrations

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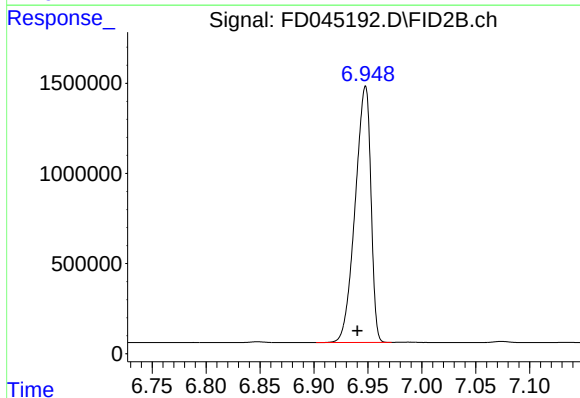
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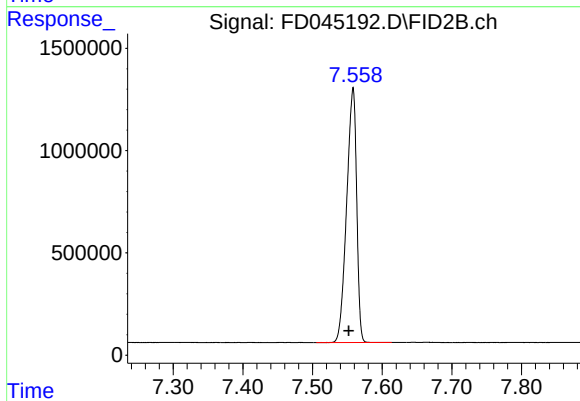
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 14317266
Conc: 93.16 ug/ml



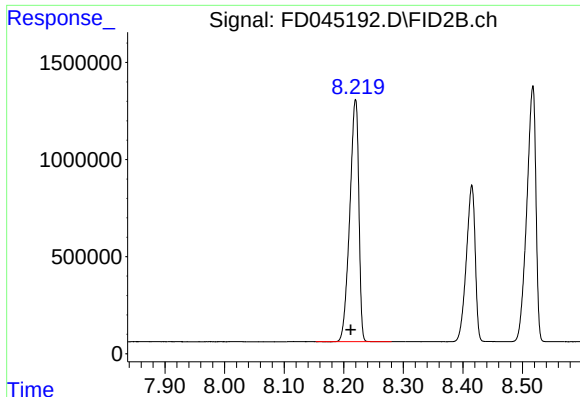
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.007 min
Response: 14405244
Conc: 93.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: 0.006 min
Response: 12392272
Conc: 94.10 ug/ml



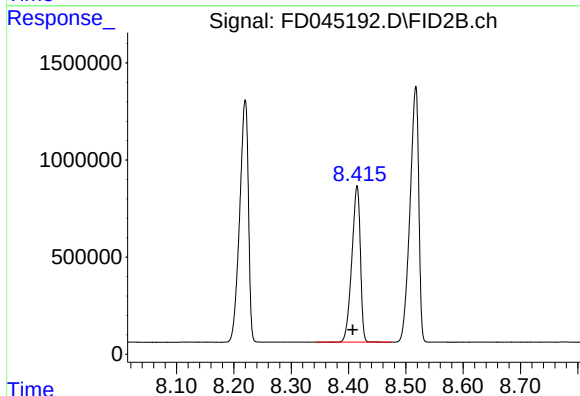
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: 0.008 min
Response: 13186431
Conc: 94.36 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

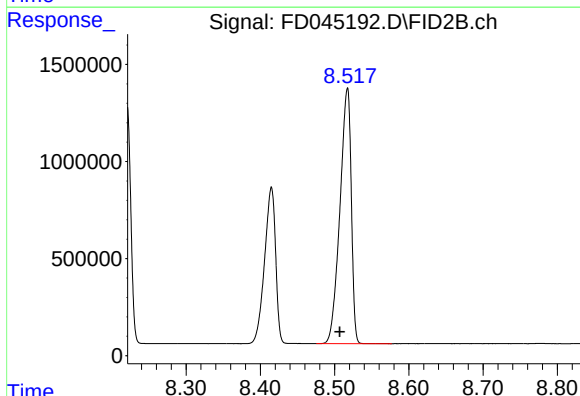
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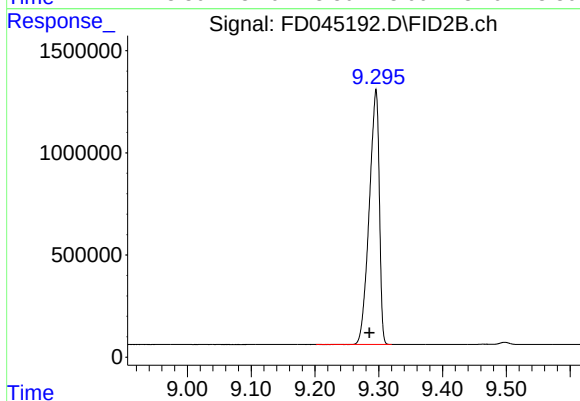
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: 0.007 min
Response: 8331498
Conc: 95.12 ug/ml



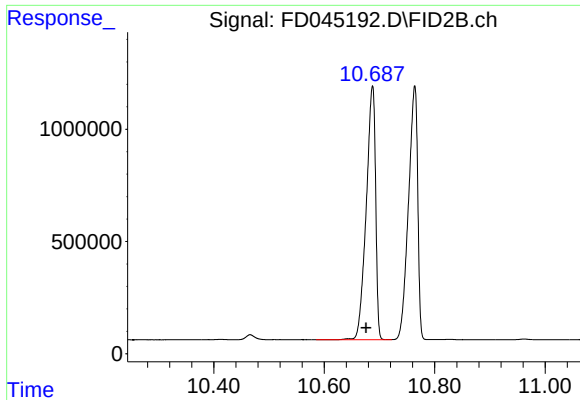
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: 0.010 min
Response: 13963579
Conc: 94.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.295 min
Delta R.T.: 0.010 min
Response: 13663894
Conc: 95.09 ug/ml



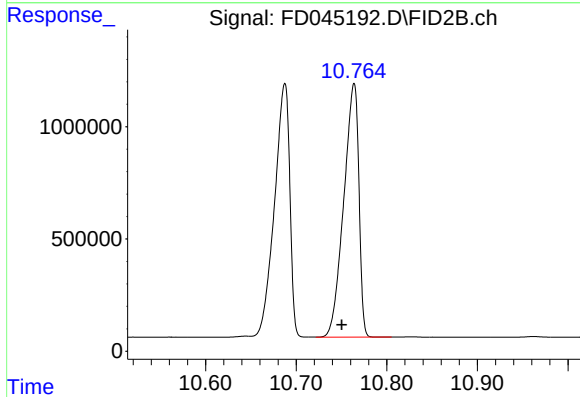
#9 Phenanthrene (C19.36)

R.T.: 10.687 min
Delta R.T.: 0.011 min
Response: 13305311
Conc: 95.71 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

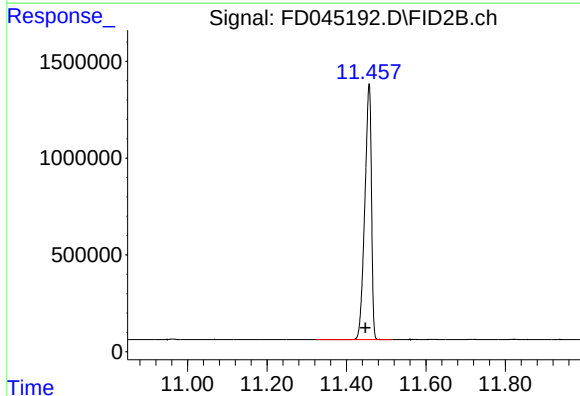
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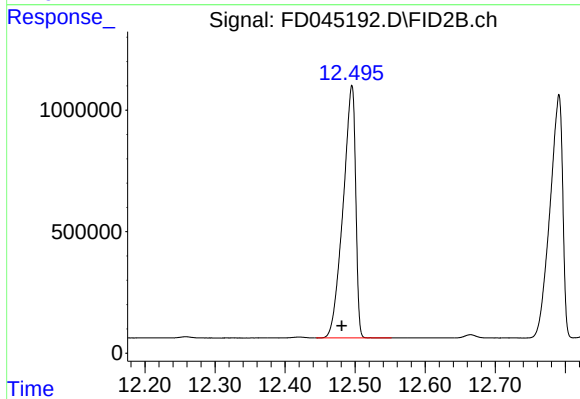
#10 Anthracene (C19.43)

R.T.: 10.763 min
Delta R.T.: 0.013 min
Response: 13109810
Conc: 96.10 ug/ml



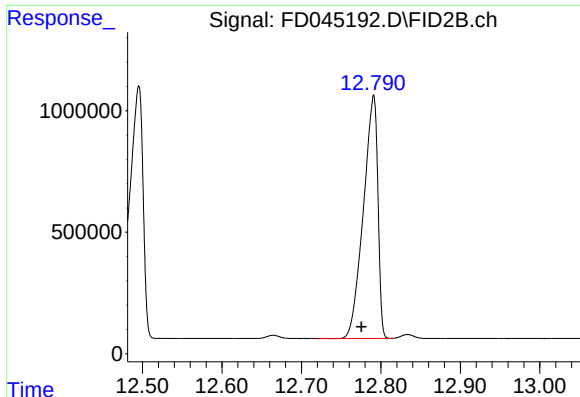
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.009 min
Response: 15238290
Conc: 94.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.495 min
Delta R.T.: 0.014 min
Response: 12951783
Conc: 95.45 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: 0.014 min
Response: 12650136
Conc: 95.24 ug/ml

Instrument :

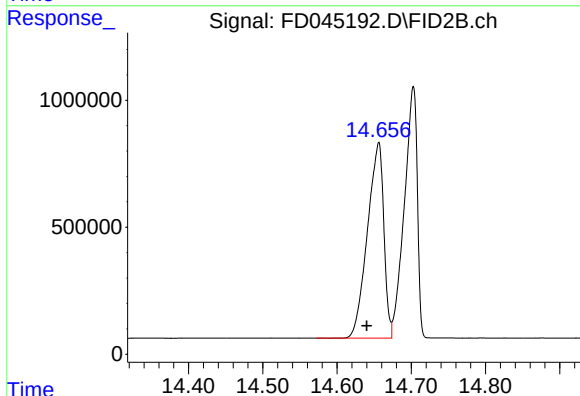
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

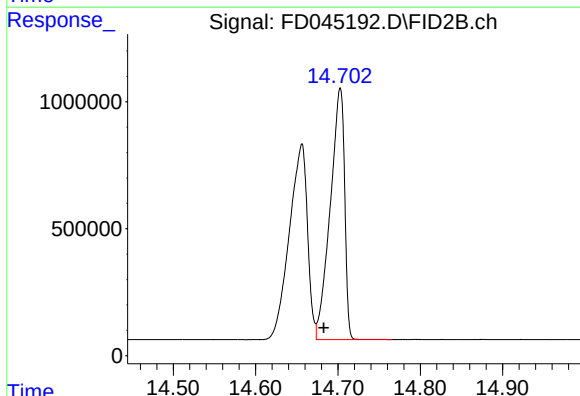
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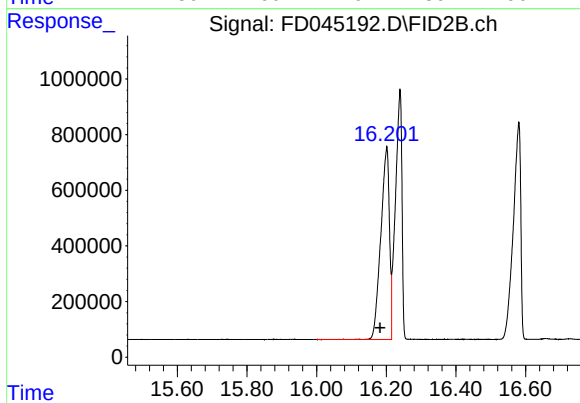
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.655 min
Delta R.T.: 0.015 min
Response: 11788592
Conc: 94.85 ug/ml



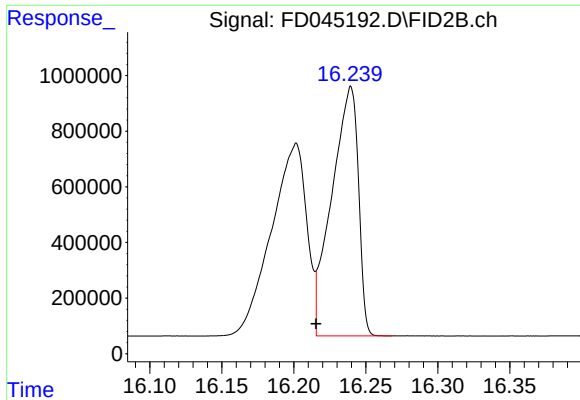
#15 Chrysene (C27.41)

R.T.: 14.702 min
Delta R.T.: 0.019 min
Response: 12011231
Conc: 94.65 ug/ml



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

R.T.: 16.201 min
Delta R.T.: 0.018 min
Response: 11863142
Conc: 94.21 ug/ml



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

R.T.: 16.239 min
Delta R.T.: 0.024 min
Response: 11450551
Conc: 93.19 ug/ml

Instrument :

FID_D

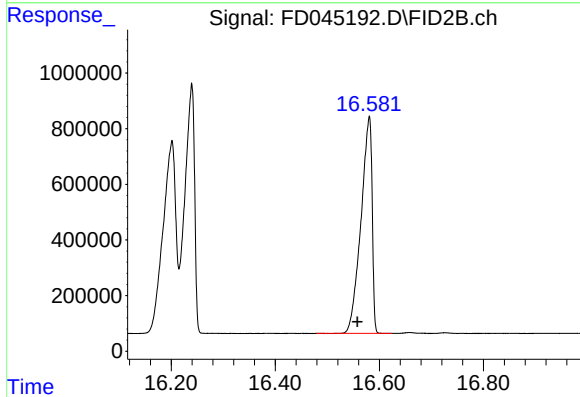
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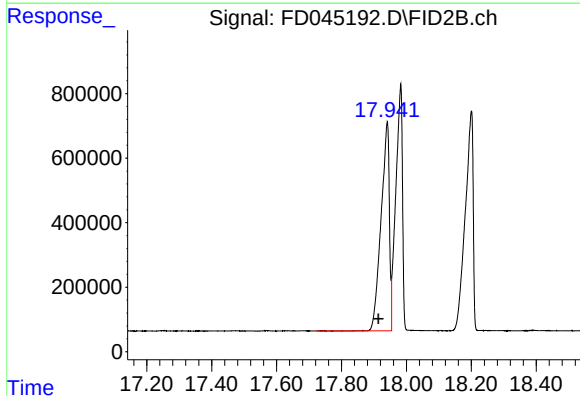
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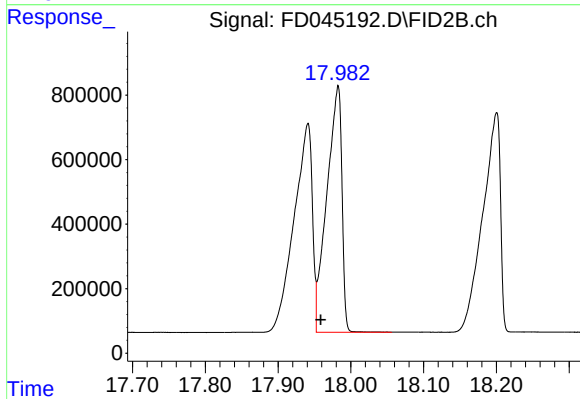
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.580 min
Delta R.T.: 0.022 min
Response: 11566625
Conc: 94.26 ug/ml



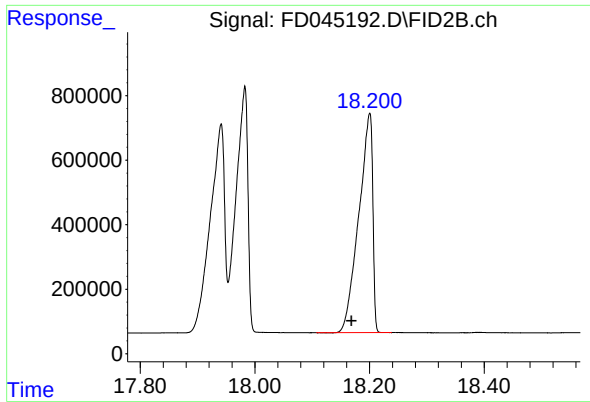
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.026 min
Response: 11463650
Conc: 97.75 ug/ml



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

R.T.: 17.982 min
Delta R.T.: 0.024 min
Response: 10960340
Conc: 92.26 ug/ml m



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

R.T.: 18.199 min
Delta R.T.: 0.031 min
Response: 11461971
Conc: 94.37 ug/ml

Instrument :

FID_D

ClientSampleId :

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