

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE051011.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 21:55
 Operator : YP\AJ
 Sample : P4680-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-F25MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E

Quant Time: Nov 05 03:49:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.854	6630195	42.055 ug/mlm
Spiked Amount 50.000		Recovery =	84.11%
12) S 1-chlorooctadecane (S...	13.287	5591353	47.267 ug/ml
Spiked Amount 50.000		Recovery =	94.53%
Target Compounds			
1) T n-Nonane (C9)	3.242	4183706	29.611 ug/ml
2) T n-Decane (C10)	4.494	4951717	34.513 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5348127	37.402 ug/ml
4) T n-Dodecane (C12)	6.661	5669720	39.391 ug/ml
5) T A~2-methylnaphthalene...	7.300	5137471	38.779 ug/ml
6) T n-Tetradecane (C14)	8.489	6014193	42.038 ug/ml
7) T n-Hexadecane (C16)	10.092	6242389	42.416 ug/ml
8) T n-Octadecane (C18)	11.534	6379326	42.708 ug/ml
10) T n-Eicosane (C20)	12.842	6414635	44.732 ug/ml
11) T n-Heneicosane (C21)	13.452	6186970	44.056 ug/ml
13) T n-Docosane (C22)	14.038	6142535	43.783 ug/ml
14) T n-Tetracosane (C24)	15.138	11436512	80.951 ug/mlm
15) T n-Hexacosane (C26)	16.159	6111712	43.433 ug/mlm
16) T n-Octacosane (C28)	17.107	6960062	47.564 ug/mlm
17) T n-Tricontane (C30)	17.993	6374284	40.089 ug/ml
18) T n-Dotriacontane (C32)	18.824	6456278	39.826 ug/ml
19) T n-Tetratriacontane (C34)	19.608	6509932	44.318 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	6498023	51.241 ug/mlm
21) T n-Octatriacontane (C38)	21.071	6474345	52.361 ug/mlm
22) T n-Tetracontane (C40)	21.952	6016528	54.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P4680-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

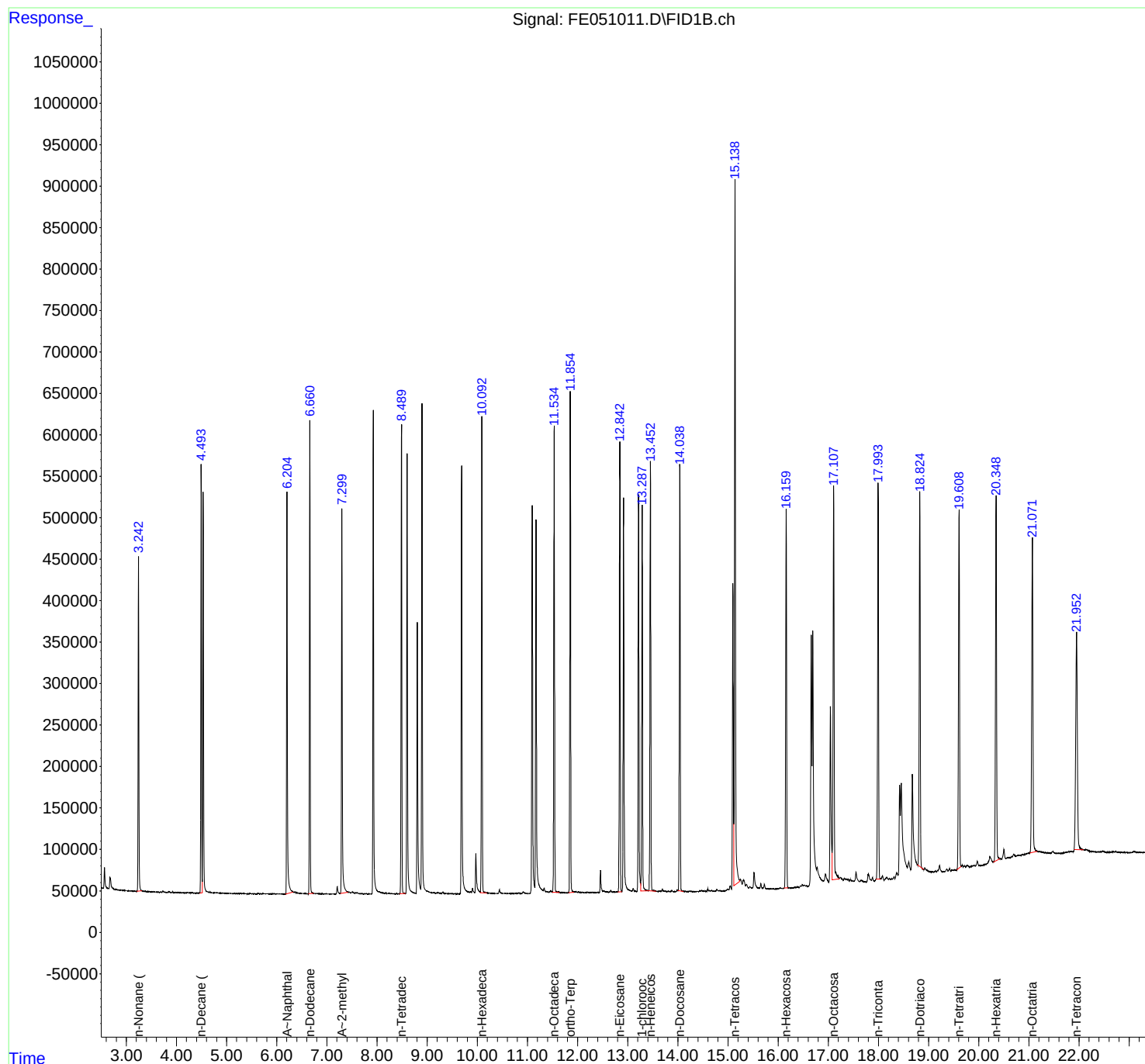
Instrument :
FID_E
ClientSampleId :
BP-F25MSD

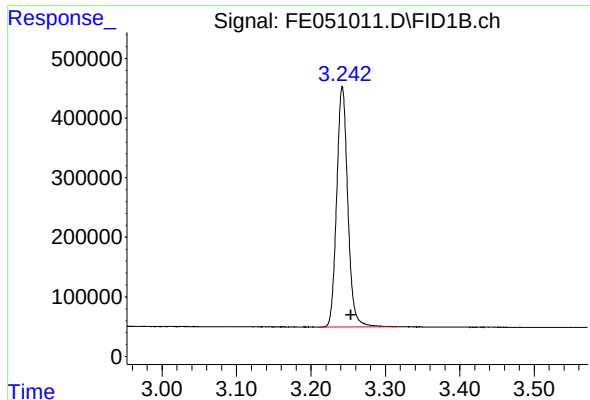
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Integration File: sample.E
Quant Time: Nov 05 03:49:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.012 min
Response: 4183706
Conc: 29.61 ug/ml

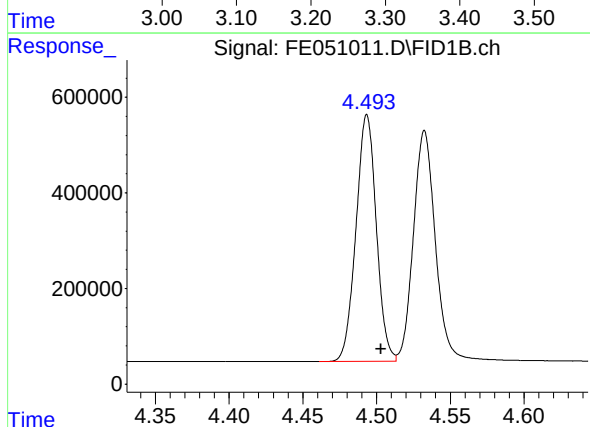
Instrument :

FID_E

ClientSampleId :
BP-F25MSD

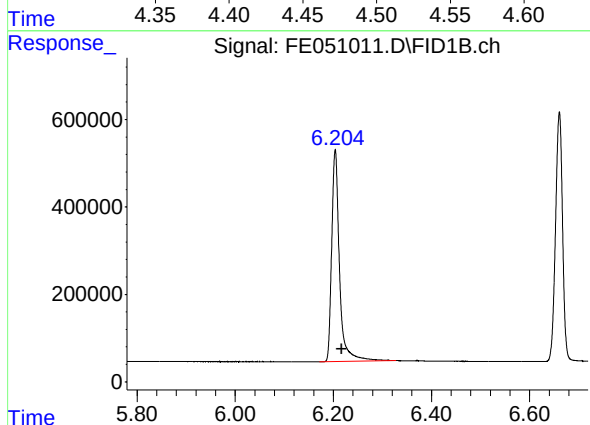
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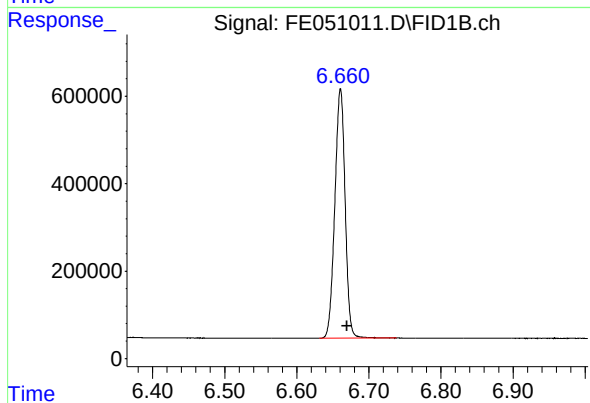
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.009 min
Response: 4951717
Conc: 34.51 ug/ml



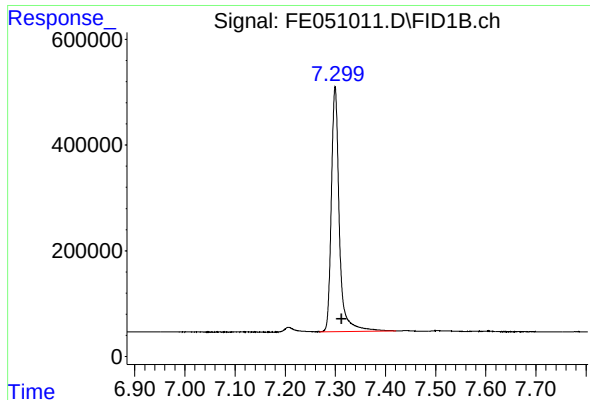
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.013 min
Response: 5348127
Conc: 37.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 5669720
Conc: 39.39 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5137471
Conc: 38.78 ug/ml

Instrument :

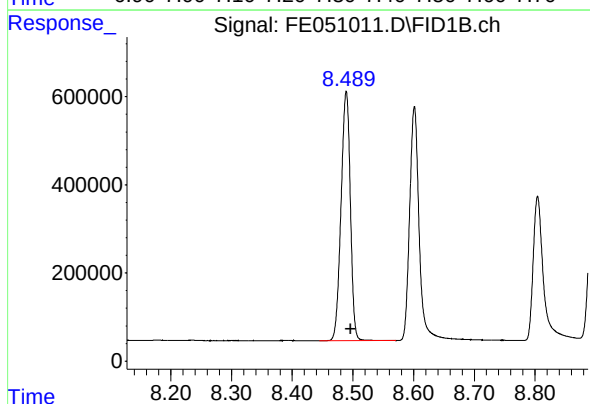
FID_E

ClientSampleId :

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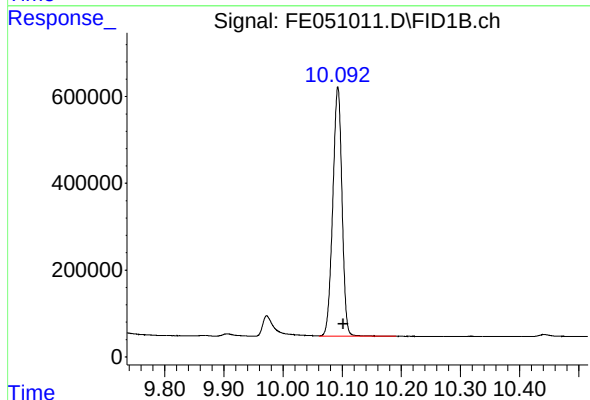
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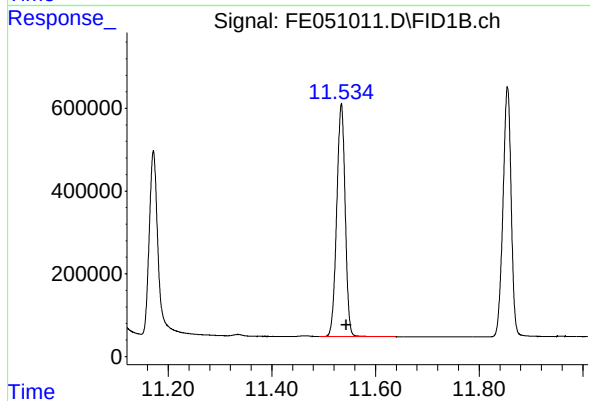
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 6014193
Conc: 42.04 ug/ml



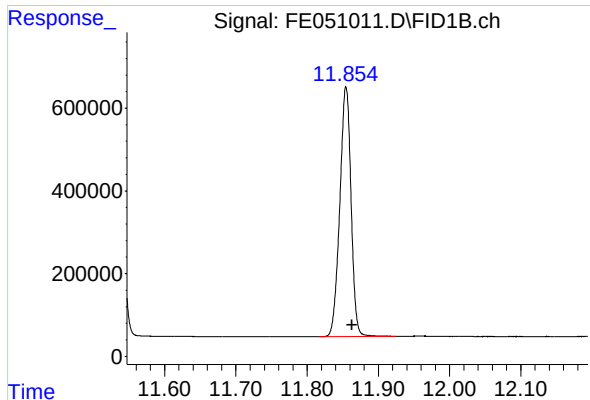
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.010 min
Response: 6242389
Conc: 42.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 6379326
Conc: 42.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.009 min
Response: 6630195
Conc: 42.05 ug/ml

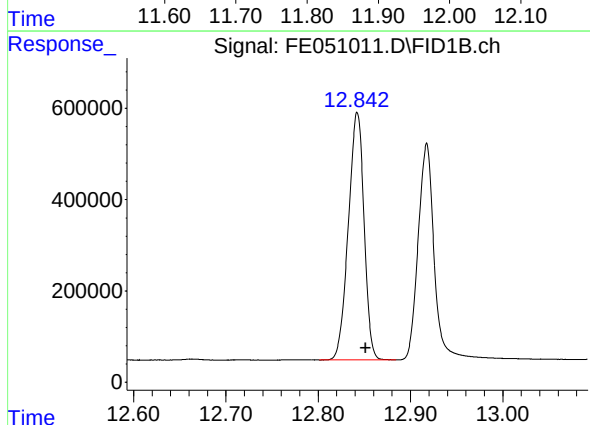
Instrument :

FID_E

ClientSampleId :
BP-F25MSD

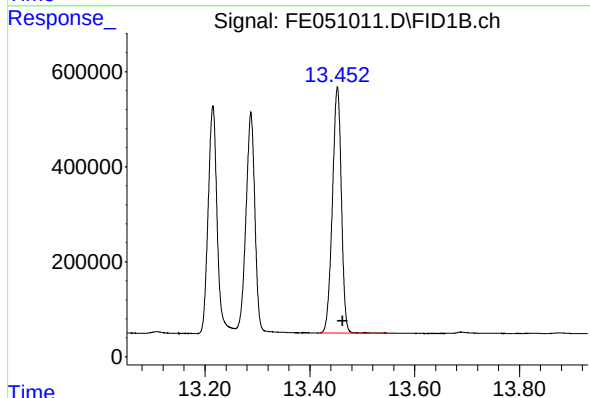
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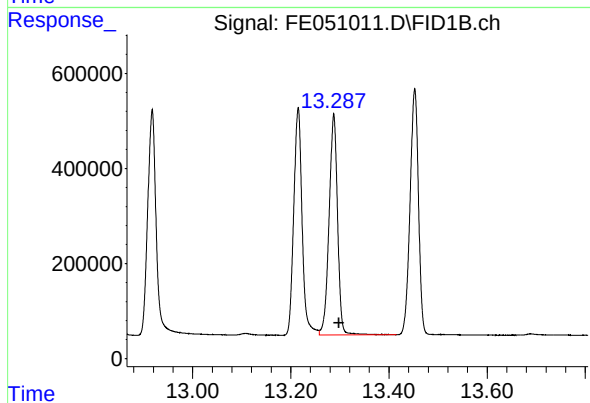
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.010 min
Response: 6414635
Conc: 44.73 ug/ml



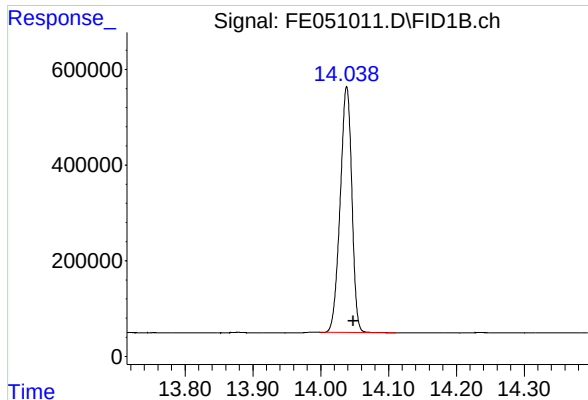
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 6186970
Conc: 44.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.011 min
Response: 5591353
Conc: 47.27 ug/ml



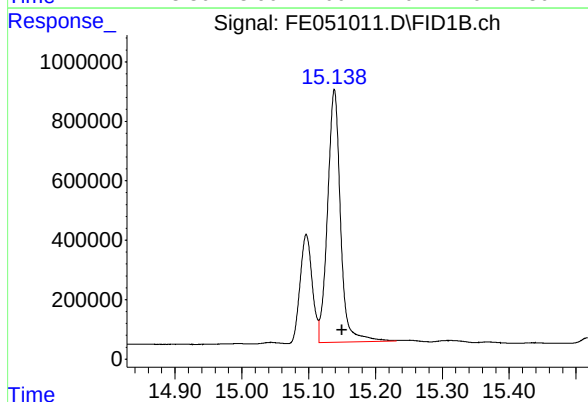
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 6142535
Conc: 43.78 ug/ml

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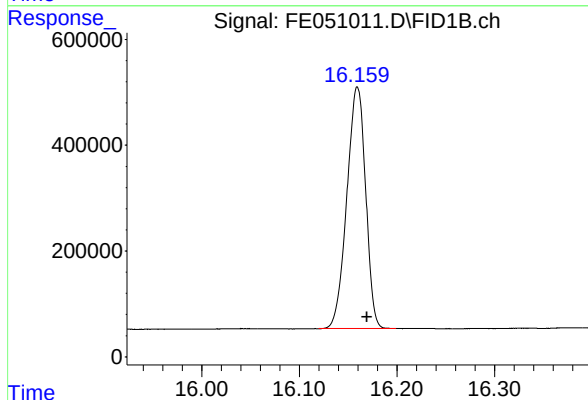
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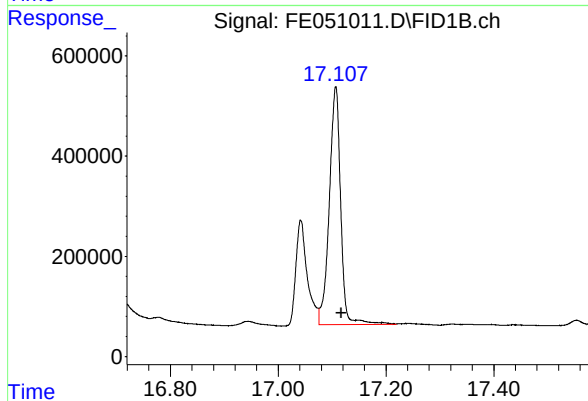
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.012 min
Response: 11436512
Conc: 80.95 ug/ml m



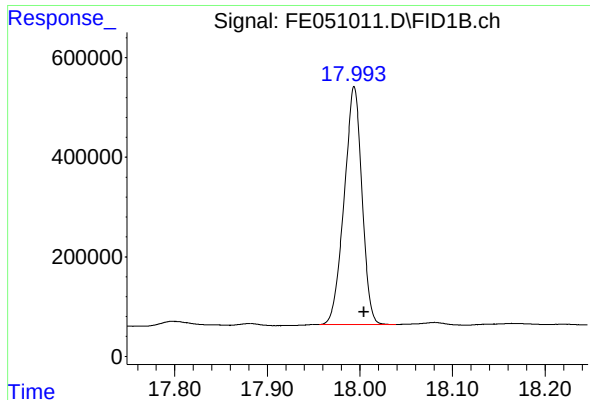
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 6111712
Conc: 43.43 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.011 min
Response: 6960062
Conc: 47.56 ug/ml m



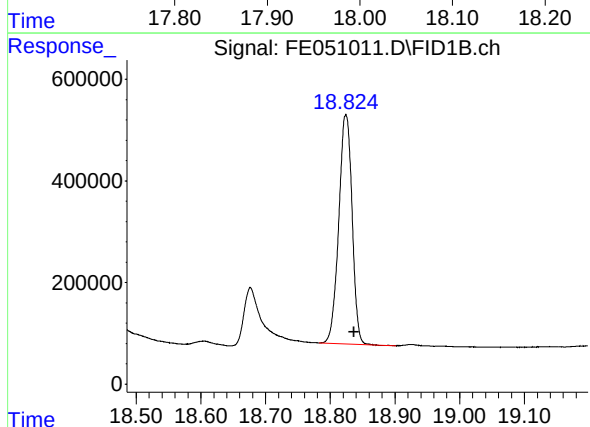
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.011 min
Response: 6374284
Conc: 40.09 ug/ml

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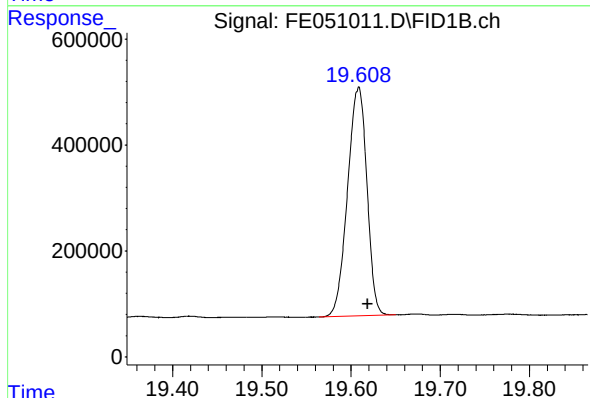
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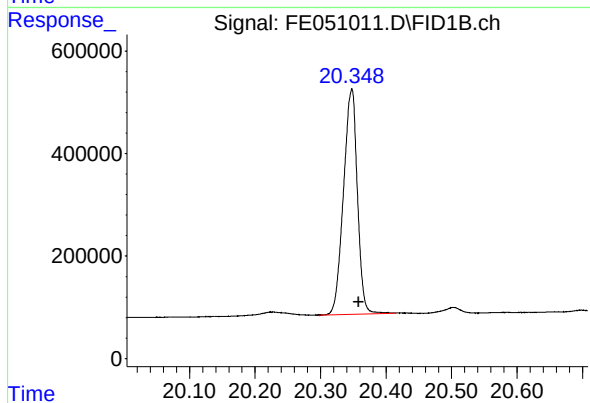
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.013 min
Response: 6456278
Conc: 39.83 ug/ml



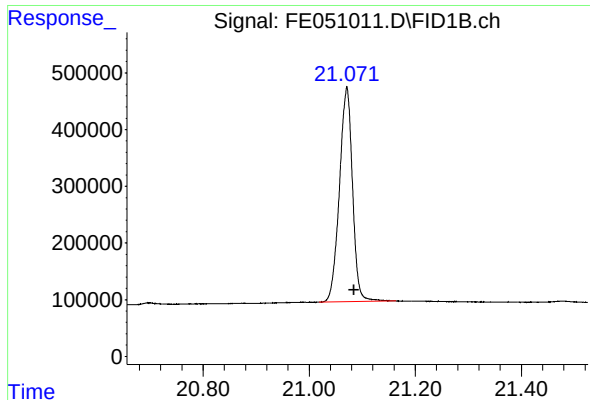
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.010 min
Response: 6509932
Conc: 44.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.011 min
Response: 6498023
Conc: 51.24 ug/ml m



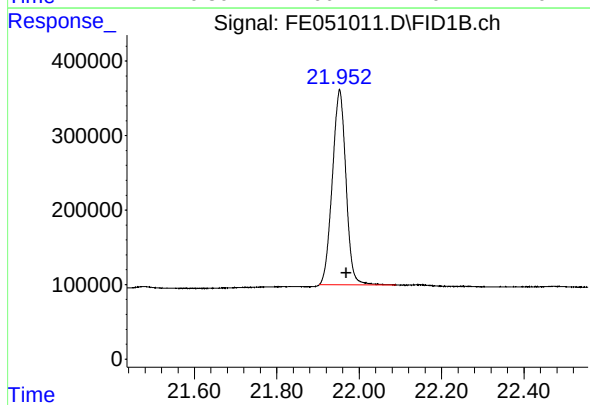
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.013 min
Response: 6474345
Conc: 52.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.017 min
Response: 6016528
Conc: 54.03 ug/ml