

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE051010.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 21:25
 Operator : YP\AJ
 Sample : P4680-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-F25MS

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 03:49:07 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)	11.855	6438589	40.840 ug/mlm
Spiked Amount 50.000		Recovery =	81.68%
12) S 1-chlorooctadecane (S...	13.287	5450858	46.079 ug/ml
Spiked Amount 50.000		Recovery =	92.16%
Target Compounds			
1) T n-Nonane (C9)	3.242	4137889	29.286 ug/ml
2) T n-Decane (C10)	4.493	4897495	34.135 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5216775	36.483 ug/ml
4) T n-Dodecane (C12)	6.661	5593333	38.860 ug/ml
5) T A~2-methylnaphthalene...	7.300	5017916	37.877 ug/ml
6) T n-Tetradecane (C14)	8.489	5904614	41.272 ug/ml
7) T n-Hexadecane (C16)	10.092	6114557	41.548 ug/ml
8) T n-Octadecane (C18)	11.533	6224251	41.670 ug/ml
10) T n-Eicosane (C20)	12.842	6248202	43.572 ug/ml
11) T n-Heneicosane (C21)	13.452	6032712	42.958 ug/ml
13) T n-Docosane (C22)	14.038	5982695	42.644 ug/ml
14) T n-Tetracosane (C24)	15.139	10768368	76.222 ug/mlm
15) T n-Hexacosane (C26)	16.159	5952864	42.304 ug/mlm
16) T n-Octacosane (C28)	17.107	6554243	44.791 ug/mlm
17) T n-Tricontane (C30)	17.994	6184932	38.898 ug/ml
18) T n-Dotriacontane (C32)	18.824	6304713	38.891 ug/ml
19) T n-Tetratriacontane (C34)	19.607	6441818	43.854 ug/ml
20) T n-Hexatriacontane (C36)	20.347	6361530	50.164 ug/ml
21) T n-Octatriacontane (C38)	21.070	6190247	50.064 ug/ml
22) T n-Tetracontane (C40)	21.952	5541509	49.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P4680-05MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

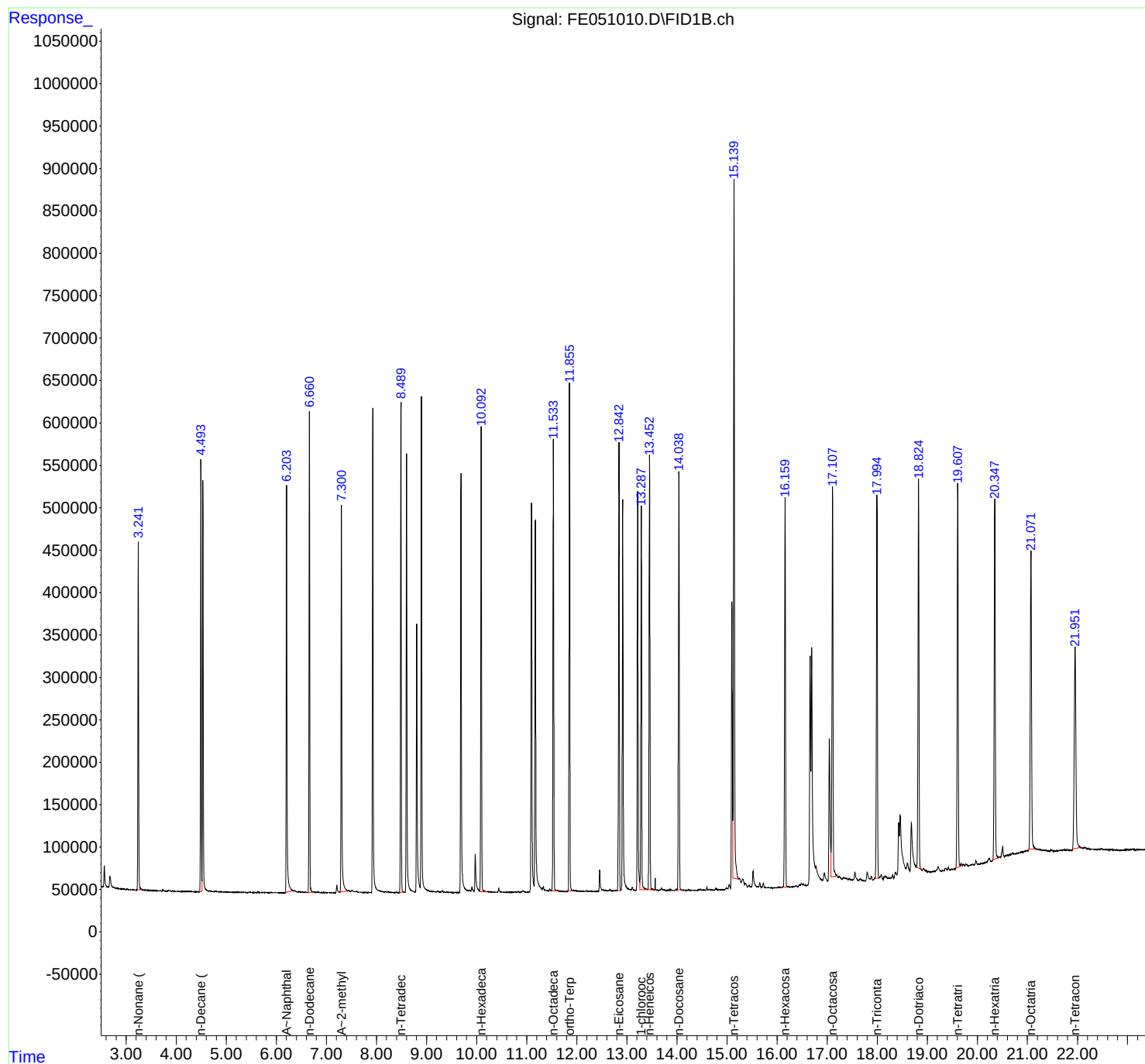
Instrument :
FID_E
ClientSampleId :
BP-F25MS

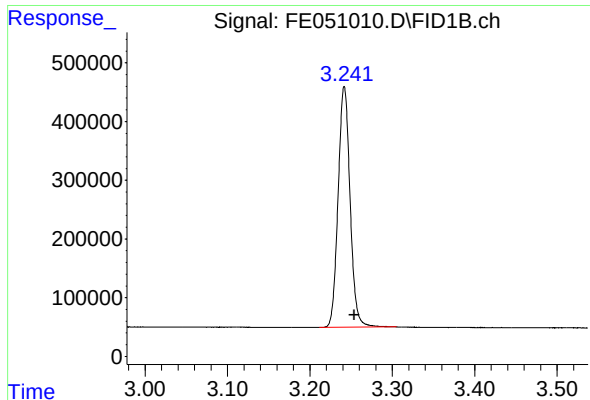
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Integration File: sample.E
Quant Time: Nov 05 03:49:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: 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: 4137889
Conc: 29.29 ug/ml

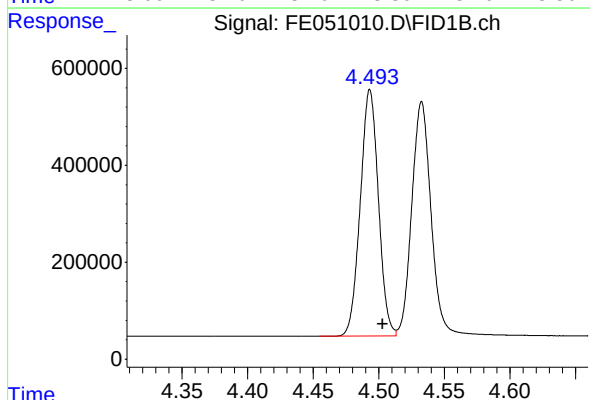
Instrument :

FID_E

ClientSampleId :
BP-F25MS

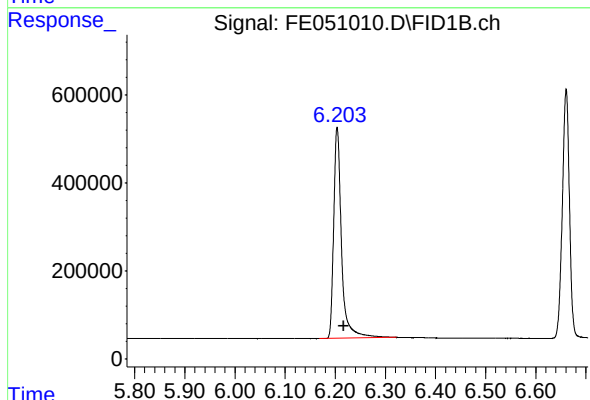
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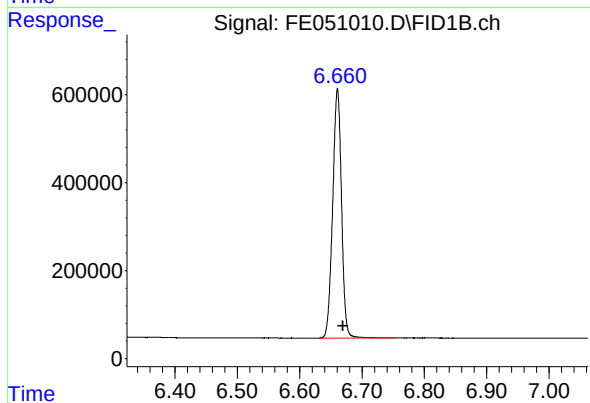
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.010 min
Response: 4897495
Conc: 34.13 ug/ml



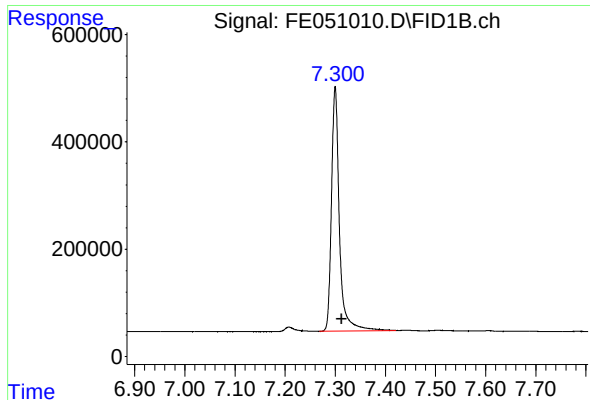
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.013 min
Response: 5216775
Conc: 36.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 5593333
Conc: 38.86 ug/ml



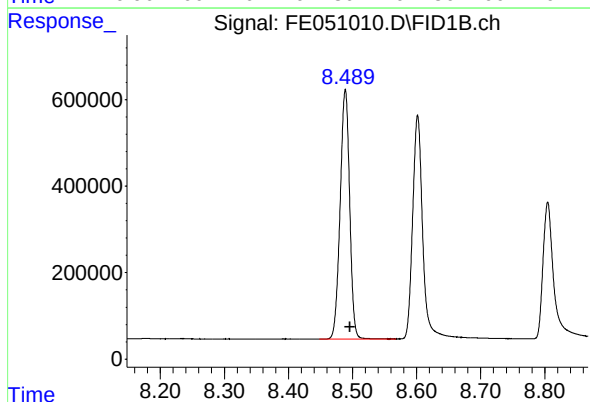
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5017916
Conc: 37.88 ug/ml

Instrument :
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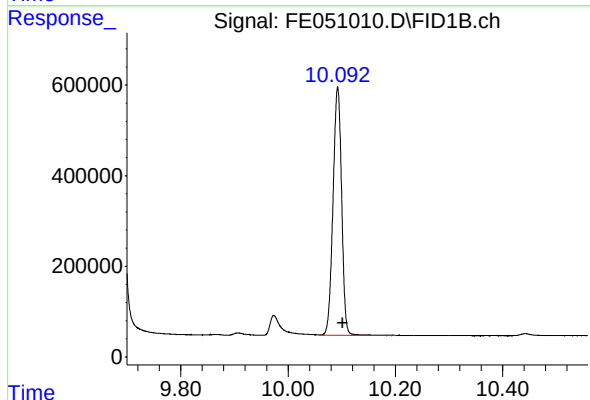
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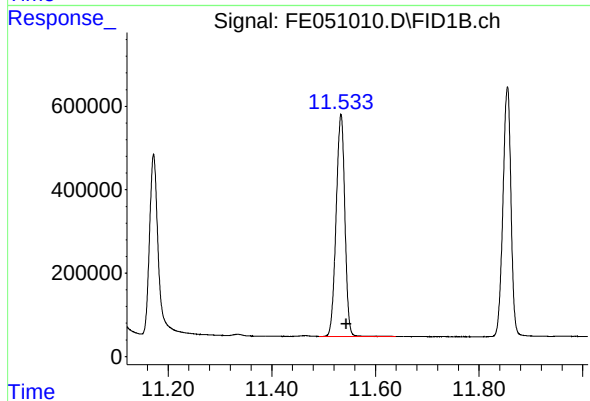
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 5904614
Conc: 41.27 ug/ml



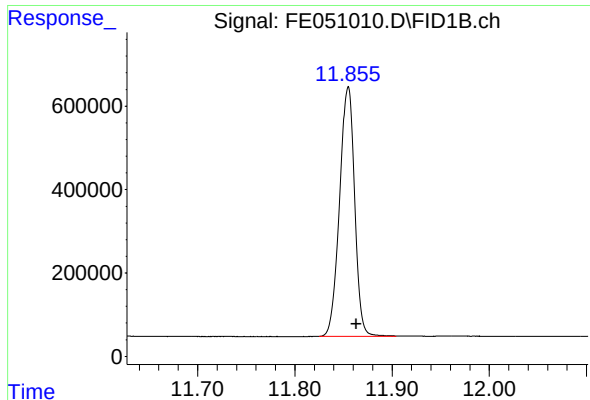
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.010 min
Response: 6114557
Conc: 41.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 6224251
Conc: 41.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 6438589
Conc: 40.84 ug/ml

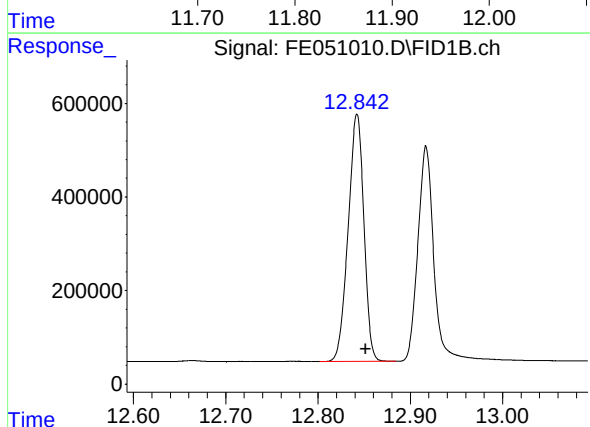
Instrument :

FID_E

ClientSampleId :
BP-F25MS

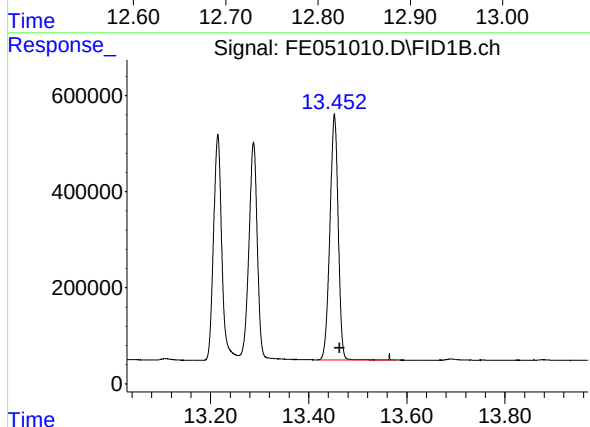
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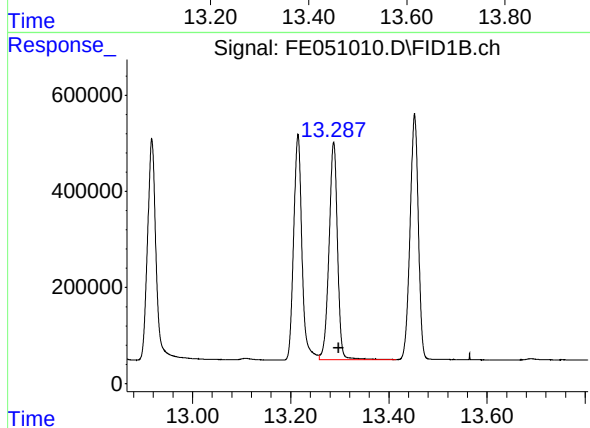
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.010 min
Response: 6248202
Conc: 43.57 ug/ml



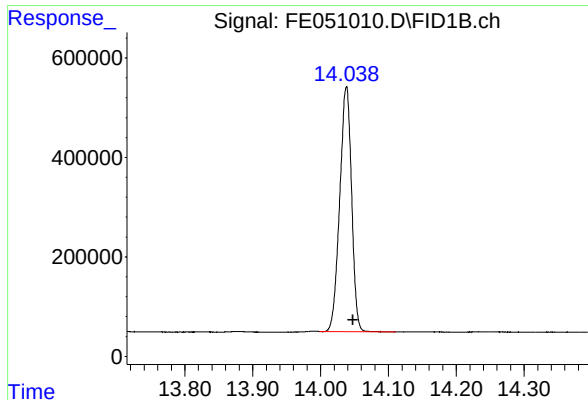
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 6032712
Conc: 42.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.011 min
Response: 5450858
Conc: 46.08 ug/ml



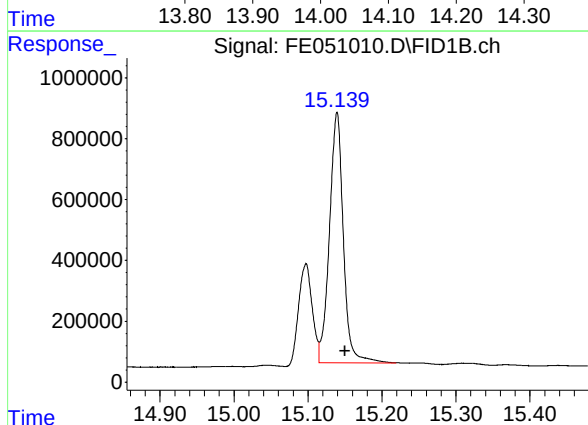
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 5982695
Conc: 42.64 ug/ml

Instrument :
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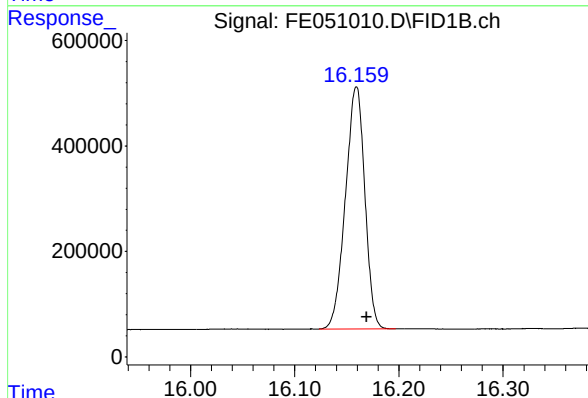
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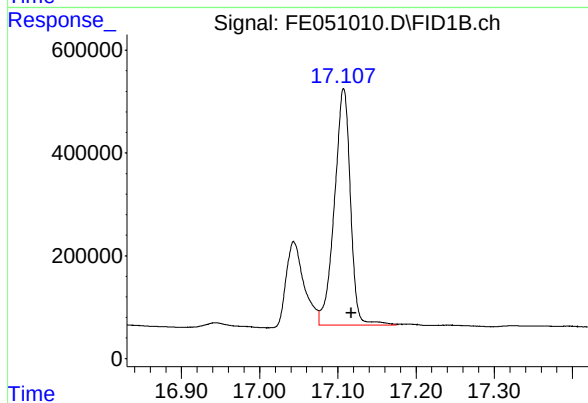
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 10768368
Conc: 76.22 ug/ml m



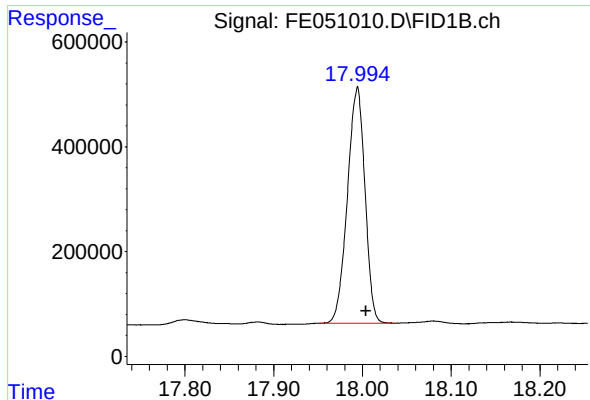
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 5952864
Conc: 42.30 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.010 min
Response: 6554243
Conc: 44.79 ug/ml m



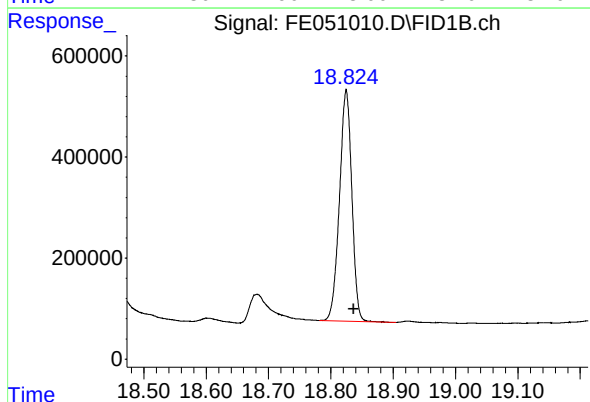
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.011 min
Response: 6184932
Conc: 38.90 ug/ml

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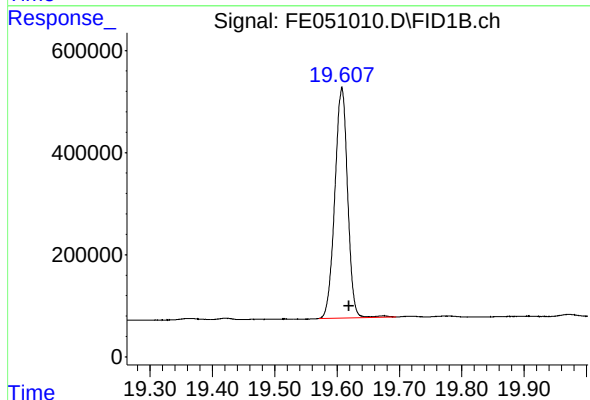
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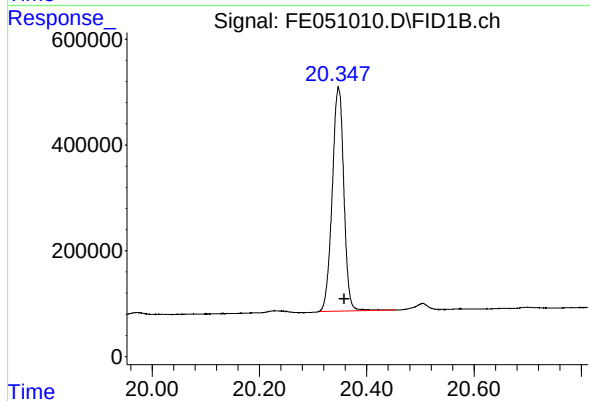
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.012 min
Response: 6304713
Conc: 38.89 ug/ml



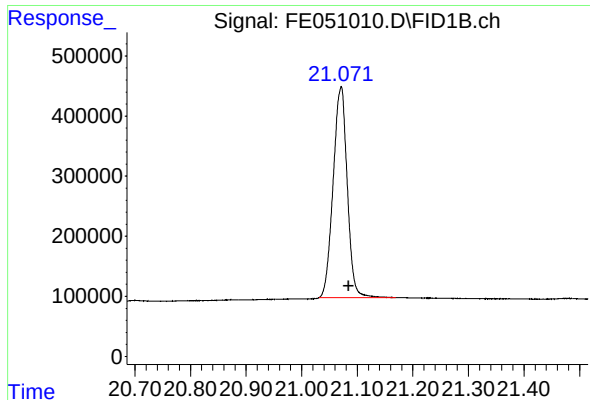
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.011 min
Response: 6441818
Conc: 43.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: -0.011 min
Response: 6361530
Conc: 50.16 ug/ml



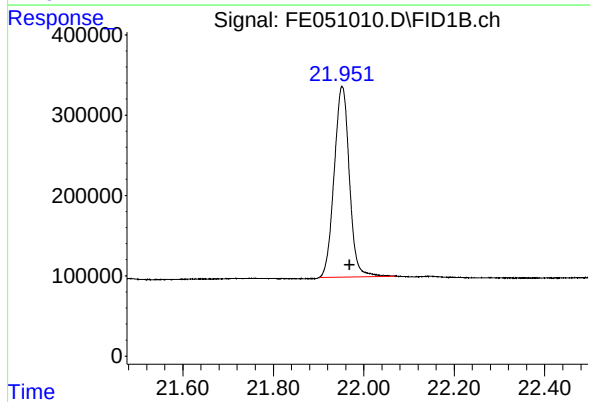
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.014 min
Response: 6190247
Conc: 50.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.017 min
Response: 5541509
Conc: 49.77 ug/ml