

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050512.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 14:49
 Operator : YP\AJ
 Sample : PB163899BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163899BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e
 Quant Time: Oct 05 00:26:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.864	6906802	46.423 ug/ml
Spiked Amount 50.000		Recovery =	92.85%
12) S 1-chlorooctadecane (S...	13.296	5712278	50.854 ug/ml
Spiked Amount 50.000		Recovery =	101.71%
Target Compounds			
1) T n-Nonane (C9)	3.260	5047704	37.240 ug/ml
2) T n-Decane (C10)	4.507	5423321	39.296 ug/ml
3) T A~Naphthalene (C11.7)	6.213	6168369	44.070 ug/ml
4) T n-Dodecane (C12)	6.670	5825748	42.129 ug/ml
5) T A~2-methylnaphthalene...	7.308	5849018	44.500 ug/ml
6) T n-Tetradecane (C14)	8.498	6168820	45.302 ug/ml
7) T n-Hexadecane (C16)	10.101	6315746	45.469 ug/ml
8) T n-Octadecane (C18)	11.544	6365775	45.437 ug/ml
10) T n-Eicosane (C20)	12.851	6359797	47.410 ug/ml
11) T n-Heneicosane (C21)	13.462	6160846	46.887 ug/ml
13) T n-Docosane (C22)	14.047	6069188	46.608 ug/ml
14) T n-Tetracosane (C24)	15.146	12219117	93.568 ug/ml
15) T n-Hexacosane (C26)	16.167	5926942	46.326 ug/ml
16) T n-Octacosane (C28)	17.116	6984232	54.222 ug/ml
17) T n-Tricontane (C30)	18.001	6202072	46.381 ug/ml
18) T n-Dotriacontane (C32)	18.832	6465111	48.516 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	6326873	51.204 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	6001436	54.091 ug/mlm
21) T n-Octatriacontane (C38)	21.078	5732481	51.981 ug/ml
22) T n-Tetracontane (C40)	21.962	5178256	47.588 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163899BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

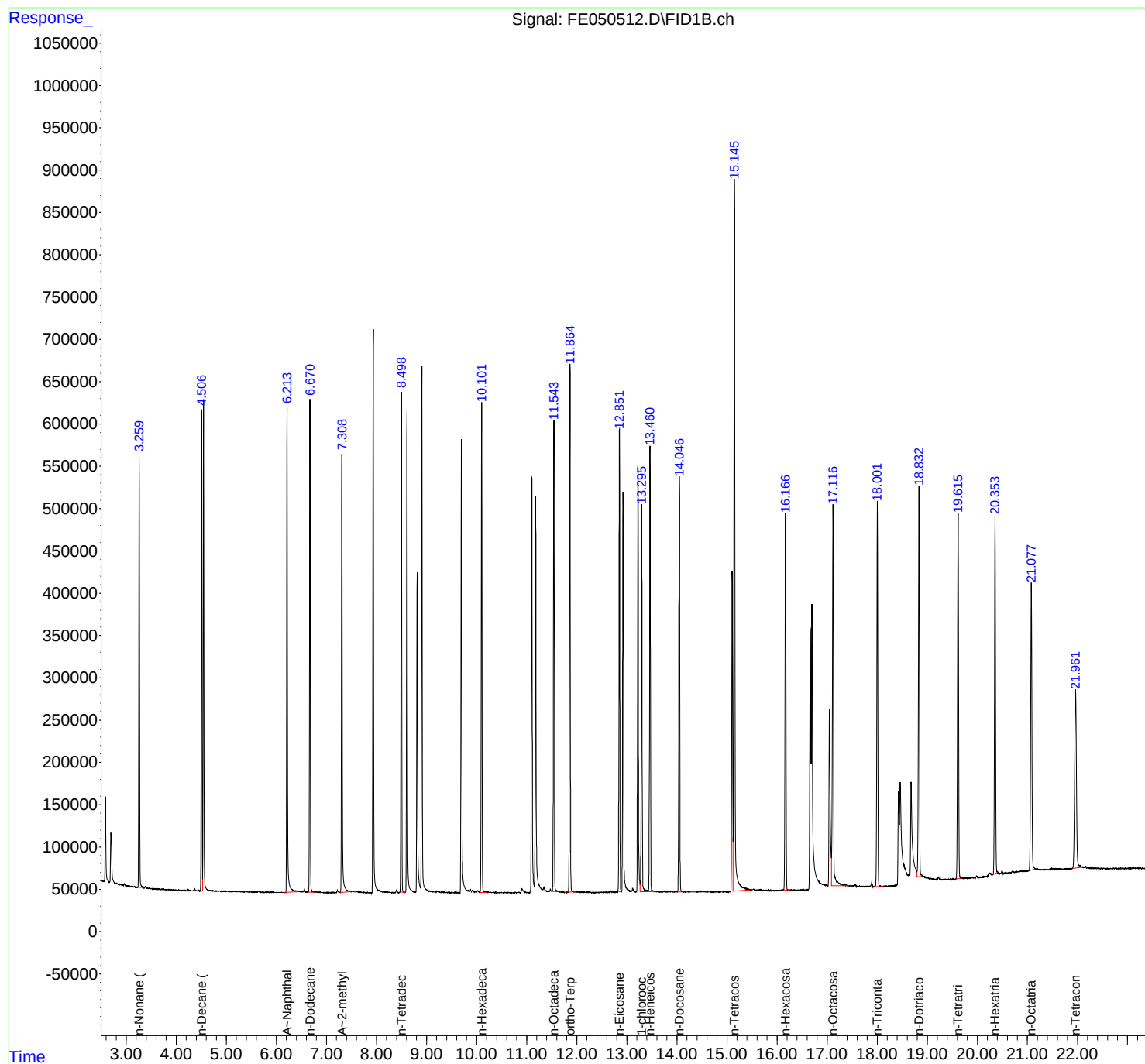
Instrument :
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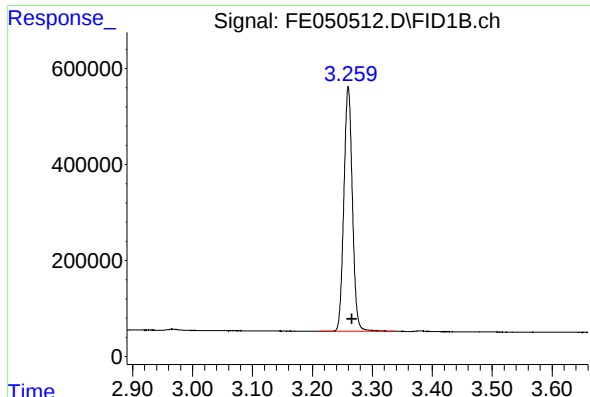
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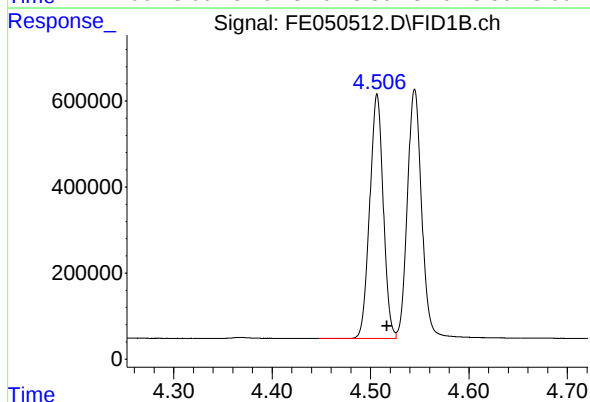
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.006 min
Response: 5047704
Conc: 37.24 ug/ml

Instrument :
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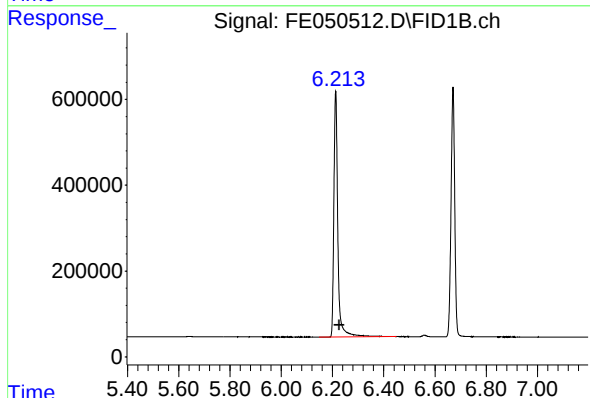
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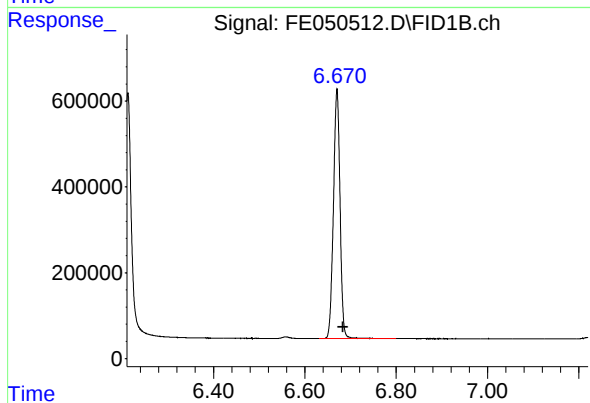
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 5423321
Conc: 39.30 ug/ml



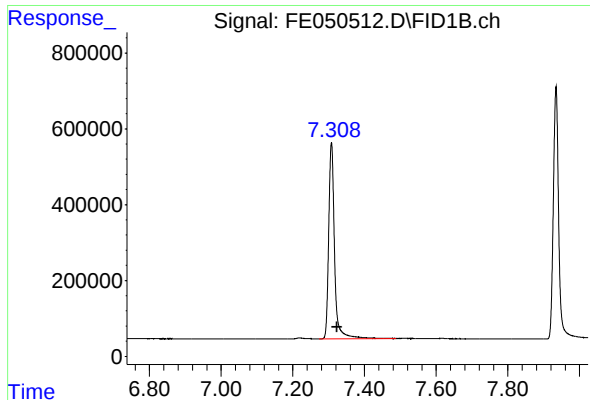
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.015 min
Response: 6168369
Conc: 44.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: -0.013 min
Response: 5825748
Conc: 42.13 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.015 min
Response: 5849018
Conc: 44.50 ug/ml

Instrument :

FID_E

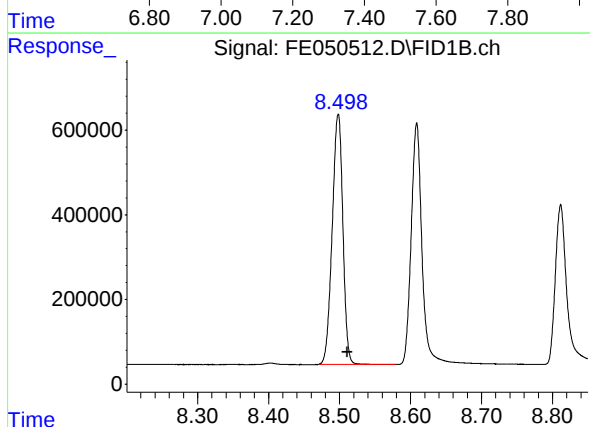
ClientSampleId :

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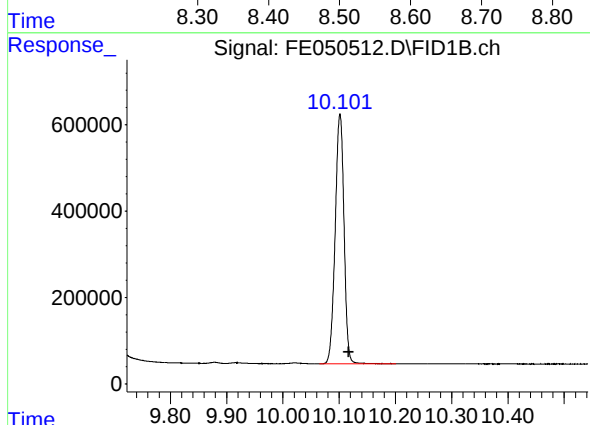
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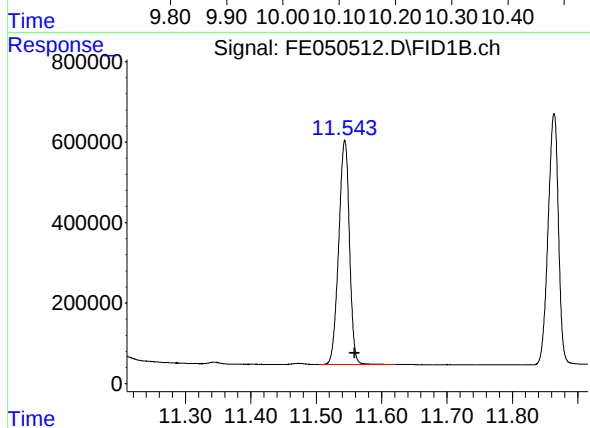
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.013 min
Response: 6168820
Conc: 45.30 ug/ml



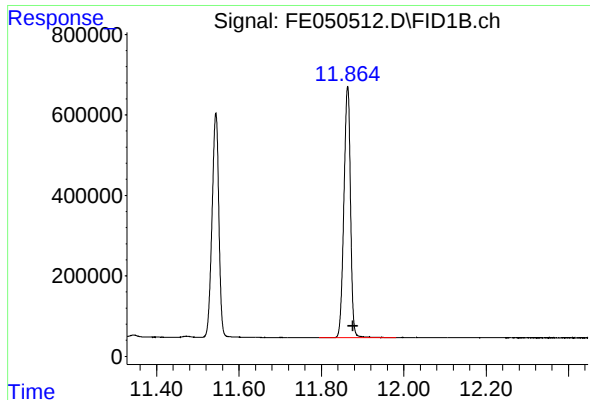
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.015 min
Response: 6315746
Conc: 45.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.015 min
Response: 6365775
Conc: 45.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.013 min
Response: 6906802
Conc: 46.42 ug/ml

Instrument :

FID_E

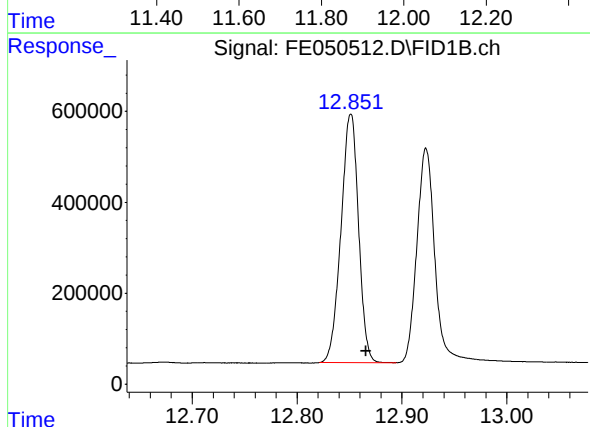
ClientSampleId :

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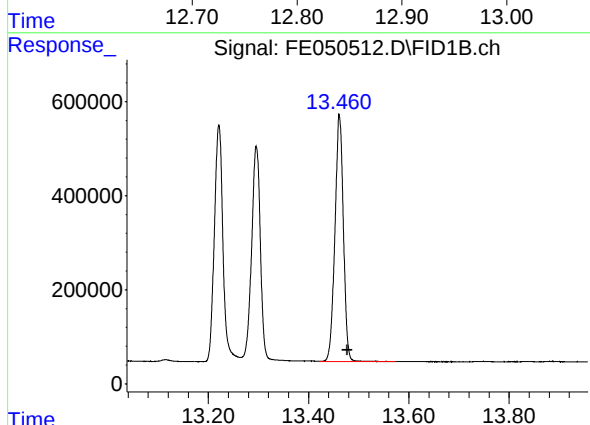
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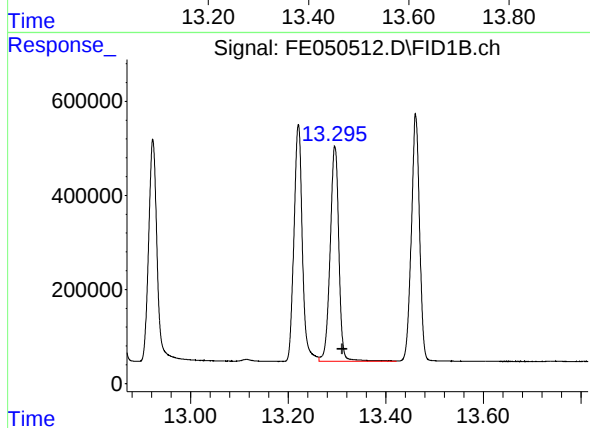
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.015 min
Response: 6359797
Conc: 47.41 ug/ml



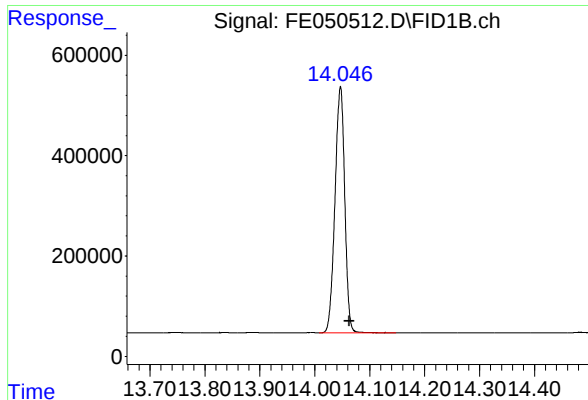
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.016 min
Response: 6160846
Conc: 46.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.016 min
Response: 5712278
Conc: 50.85 ug/ml



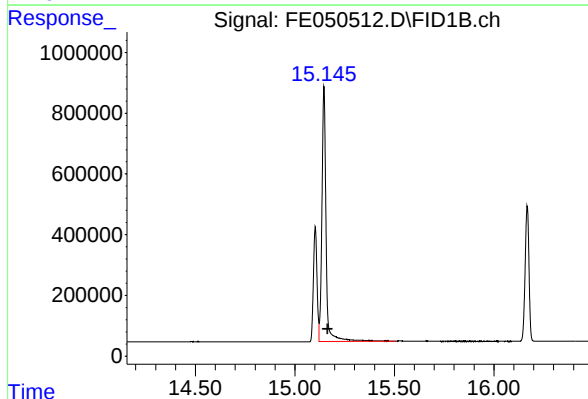
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.016 min
Response: 6069188
Conc: 46.61 ug/ml

Instrument :
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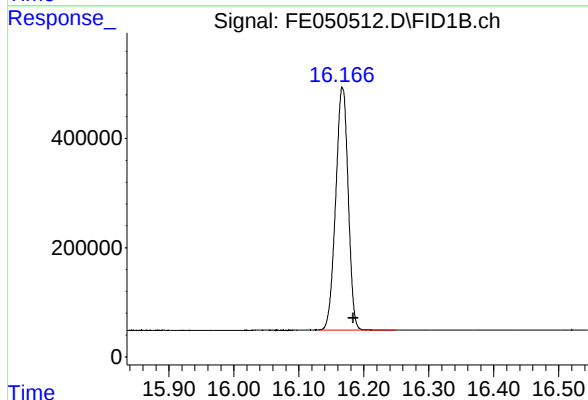
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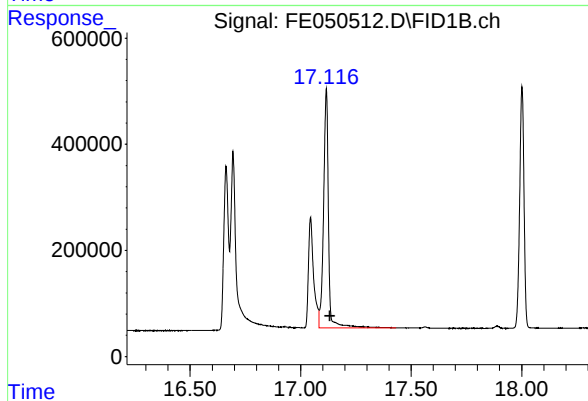
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.019 min
Response: 12219117
Conc: 93.57 ug/ml



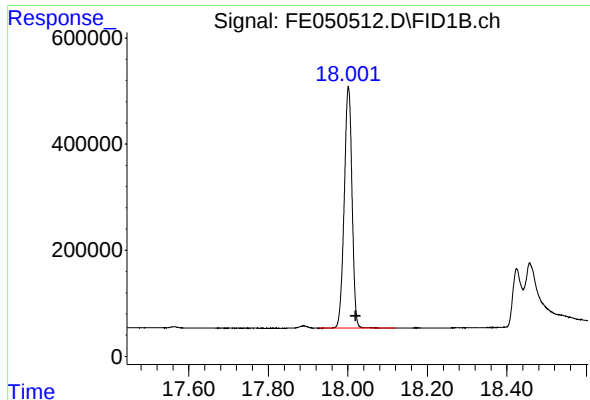
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.017 min
Response: 5926942
Conc: 46.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 6984232
Conc: 54.22 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.018 min
Response: 6202072
Conc: 46.38 ug/ml

Instrument :

FID_E

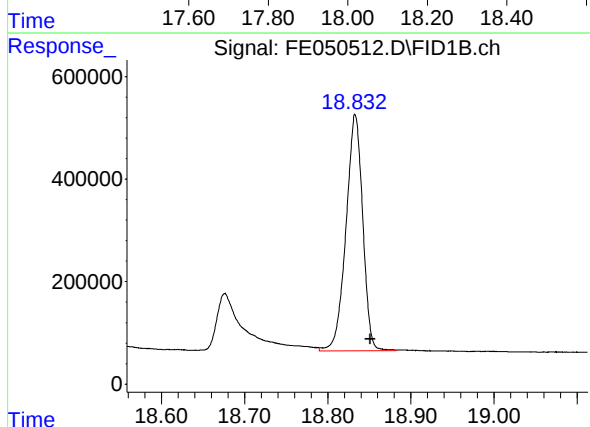
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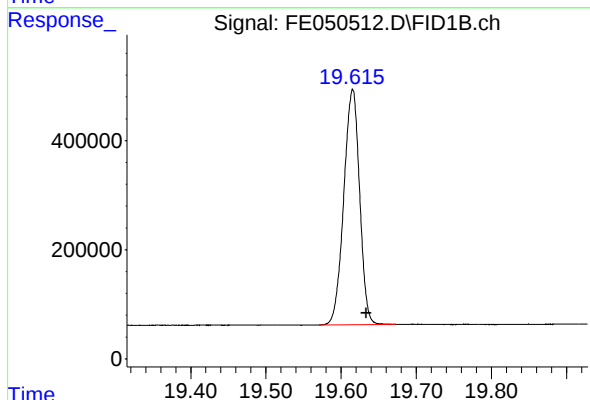
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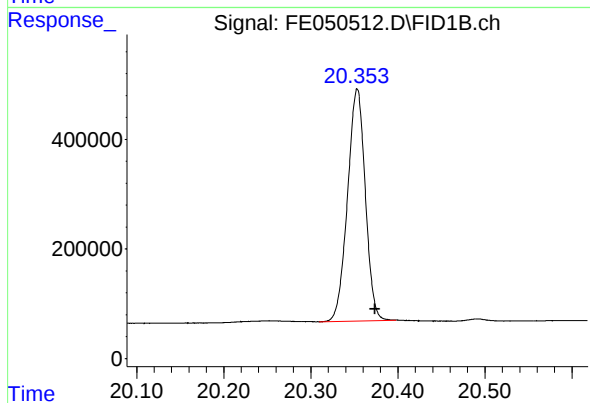
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 6465111
Conc: 48.52 ug/ml m



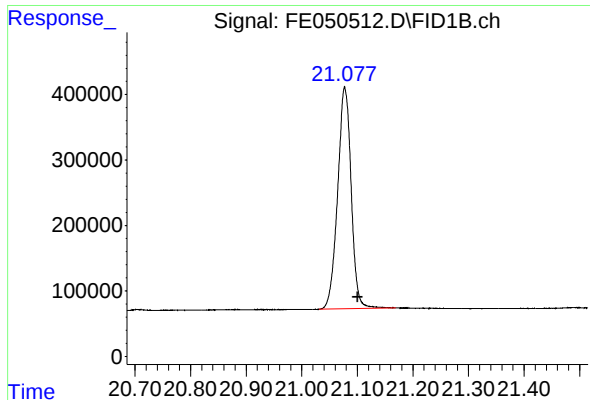
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.019 min
Response: 6326873
Conc: 51.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.021 min
Response: 6001436
Conc: 54.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.023 min
Response: 5732481
Conc: 51.98 ug/ml

Instrument :

FID_E

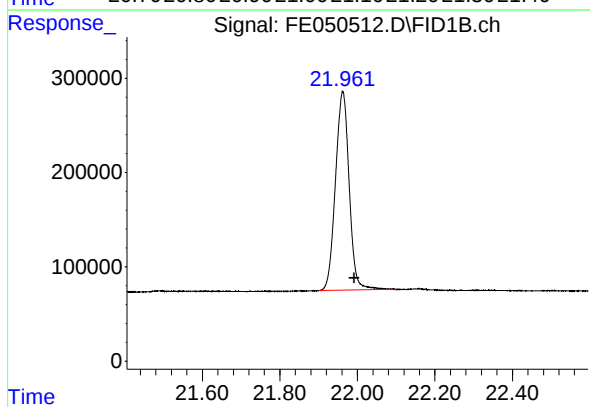
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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.030 min
Response: 5178256
Conc: 47.59 ug/ml