

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051030.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 17:27
 Operator : YP\AJ
 Sample : PB164681BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164681BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 06 00:41:04 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	7038112	44.642 ug/mlm
Spiked Amount 50.000		Recovery =	89.28%
12) S 1-chlorooctadecane (S...	13.287	5608045	47.408 ug/ml
Spiked Amount 50.000		Recovery =	94.82%
Target Compounds			
1) T n-Nonane (C9)	3.248	5316389	37.627 ug/ml
2) T n-Decane (C10)	4.495	5607937	39.086 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5965827	41.722 ug/ml
4) T n-Dodecane (C12)	6.661	6132442	42.606 ug/ml
5) T A~2-methylnaphthalene...	7.300	5710994	43.108 ug/ml
6) T n-Tetradecane (C14)	8.488	6708991	46.894 ug/ml
7) T n-Hexadecane (C16)	10.092	7040710	47.841 ug/ml
8) T n-Octadecane (C18)	11.534	6923585	46.352 ug/ml
10) T n-Eicosane (C20)	12.842	7204859	50.243 ug/ml
11) T n-Heneicosane (C21)	13.453	6935495	49.386 ug/ml
13) T n-Docosane (C22)	14.038	6887012	49.089 ug/ml
14) T n-Tetracosane (C24)	15.139	13071929	92.527 ug/mlm
15) T n-Hexacosane (C26)	16.161	6833224	48.560 ug/mlm
16) T n-Octacosane (C28)	17.107	7705683	52.659 ug/mlm
17) T n-Tricontane (C30)	17.994	7105609	44.689 ug/ml
18) T n-Dotriacontane (C32)	18.825	7156180	44.143 ug/ml
19) T n-Tetratriacontane (C34)	19.609	7482627	50.940 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	7471256	58.915 ug/mlm
21) T n-Octatriacontane (C38)	21.072	7522363	60.837 ug/mlm
22) T n-Tetracontane (C40)	21.955	7204423	64.700 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB164681BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

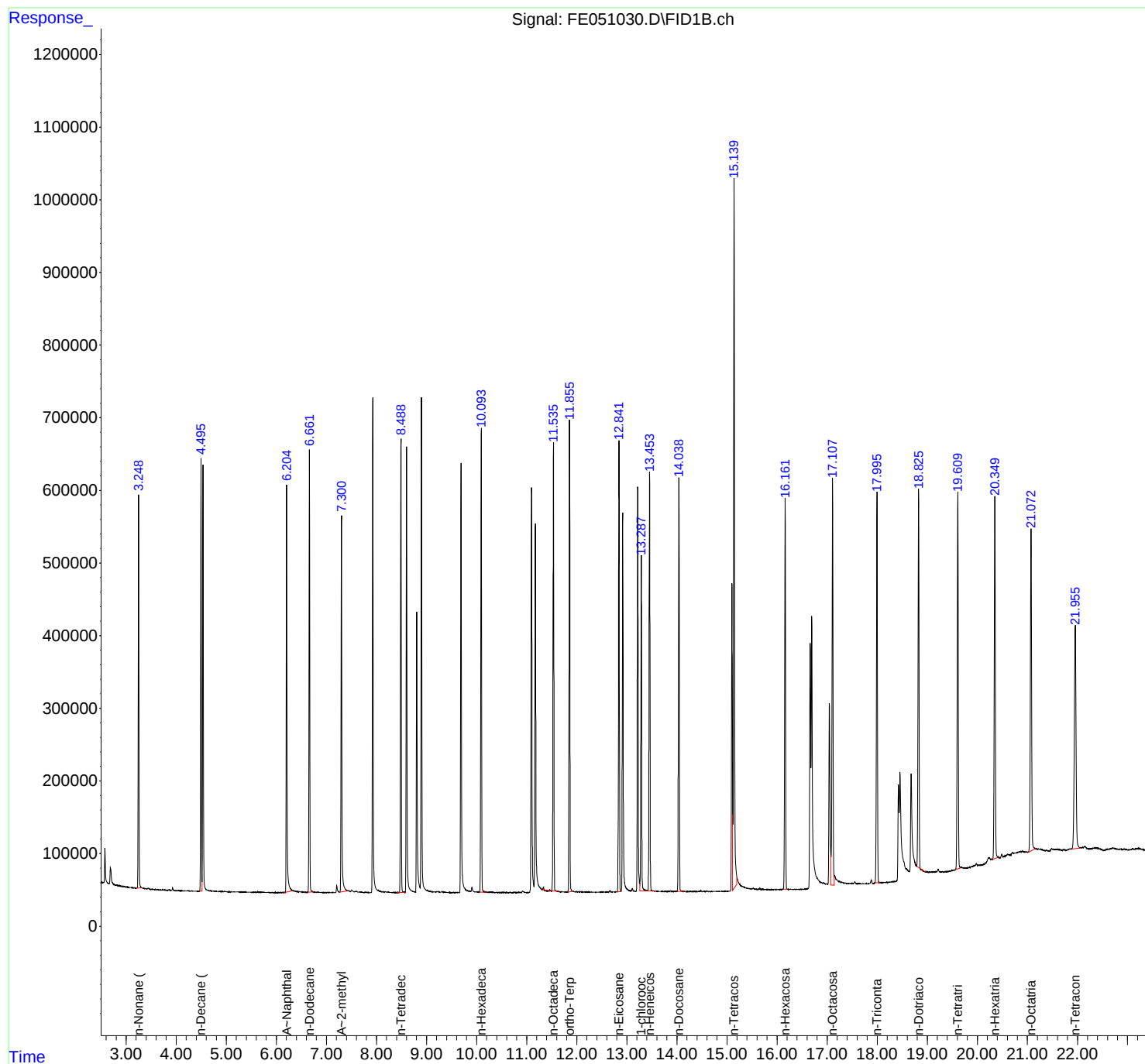
Instrument :
FID_E
ClientSampleId :
PB164681BSD

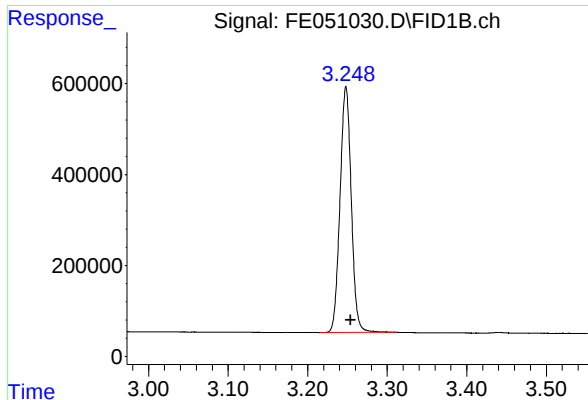
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Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





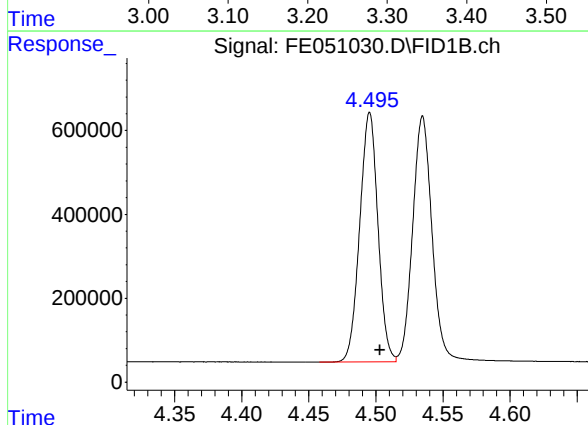
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 5316389
Conc: 37.63 ug/ml

Instrument :
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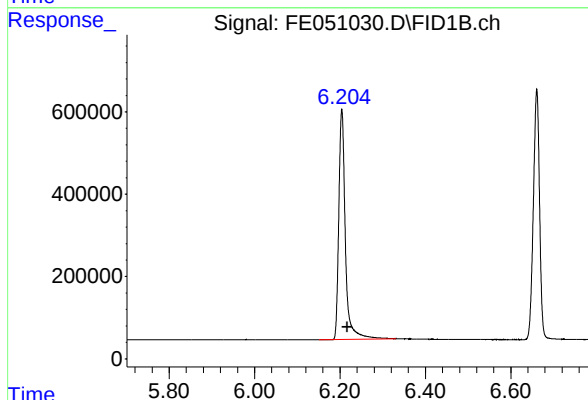
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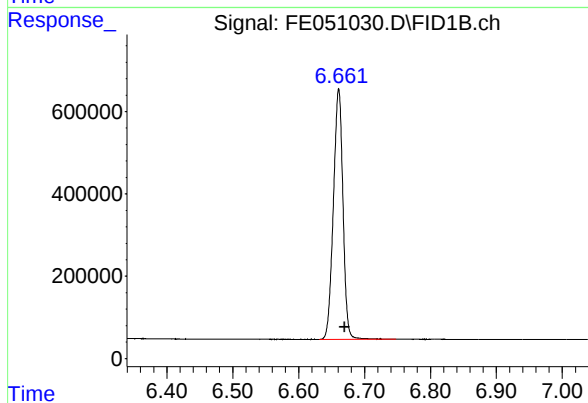
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.008 min
Response: 5607937
Conc: 39.09 ug/ml



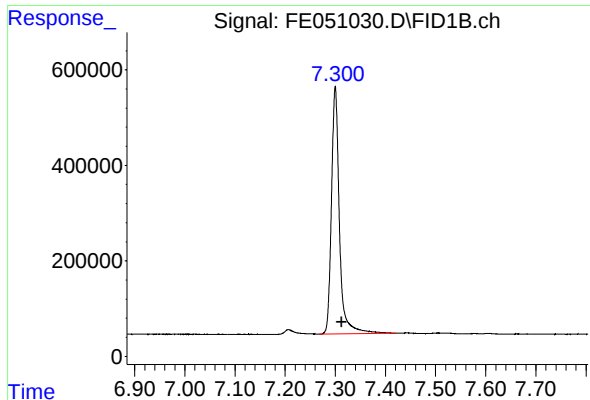
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.012 min
Response: 5965827
Conc: 41.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.009 min
Response: 6132442
Conc: 42.61 ug/ml



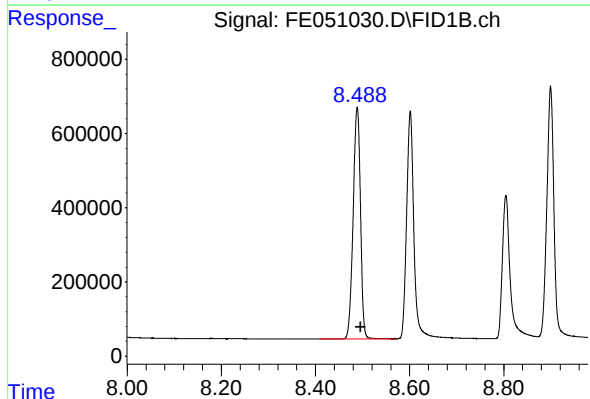
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5710994
Conc: 43.11 ug/ml

Instrument :
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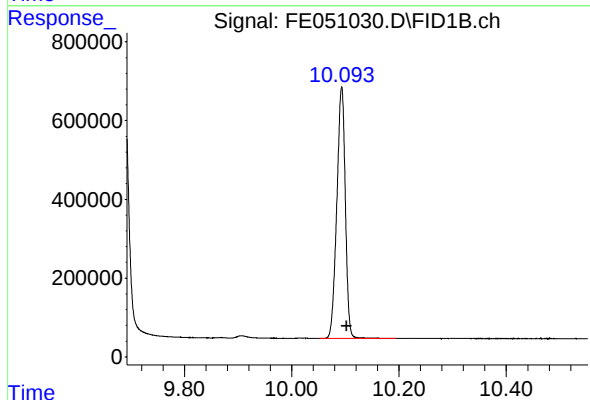
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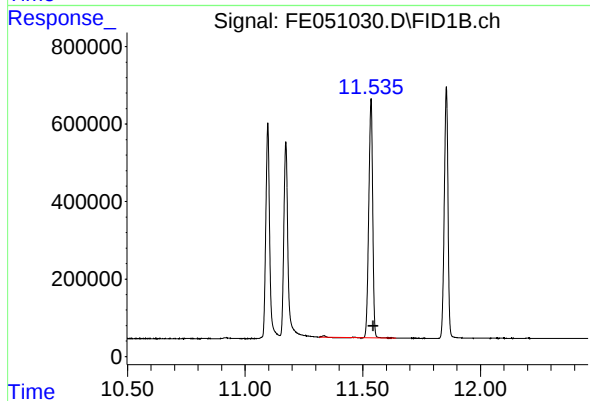
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.008 min
Response: 6708991
Conc: 46.89 ug/ml



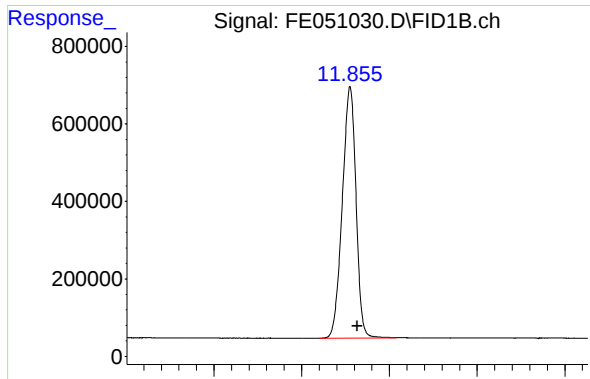
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.010 min
Response: 7040710
Conc: 47.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.009 min
Response: 6923585
Conc: 46.35 ug/ml



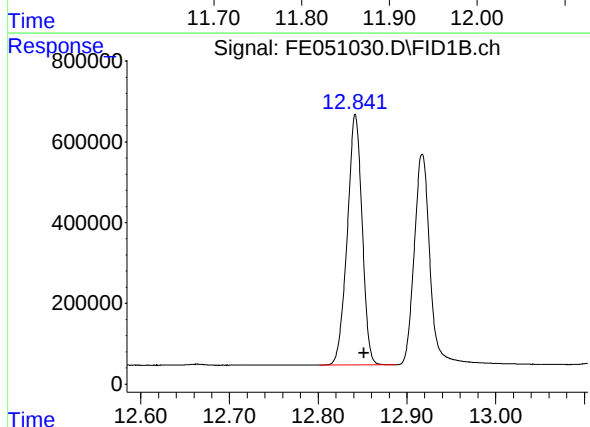
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.008 min
Response: 7038112
Conc: 44.64 ug/ml

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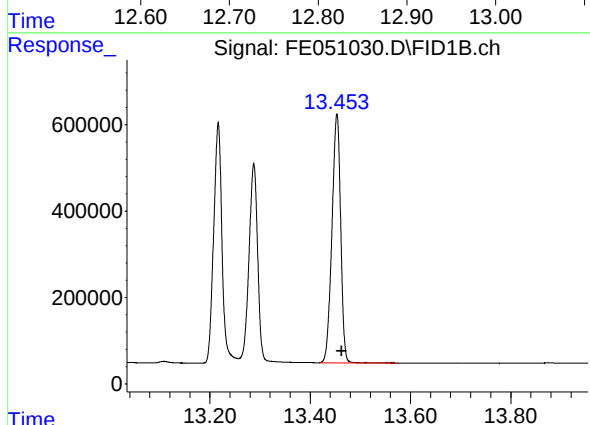
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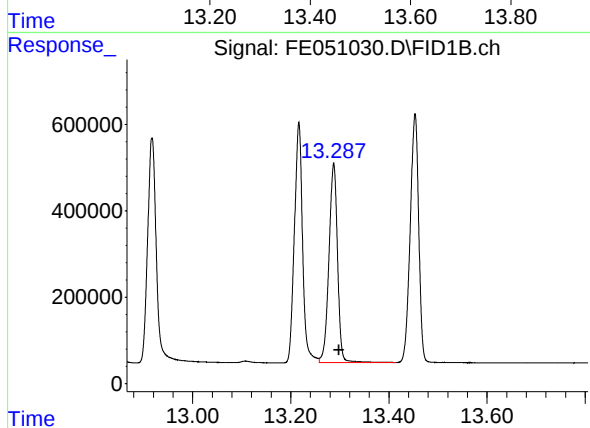
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.010 min
Response: 7204859
Conc: 50.24 ug/ml



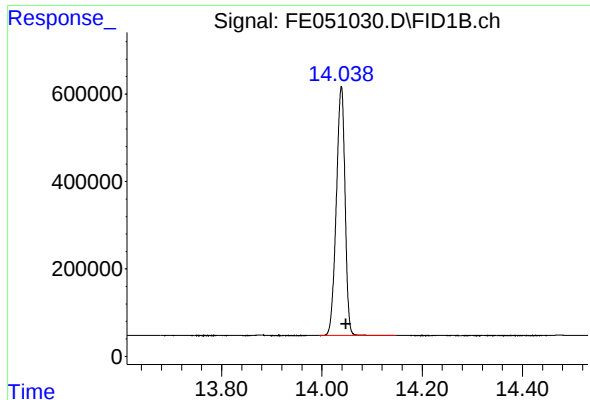
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 6935495
Conc: 49.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.011 min
Response: 5608045
Conc: 47.41 ug/ml



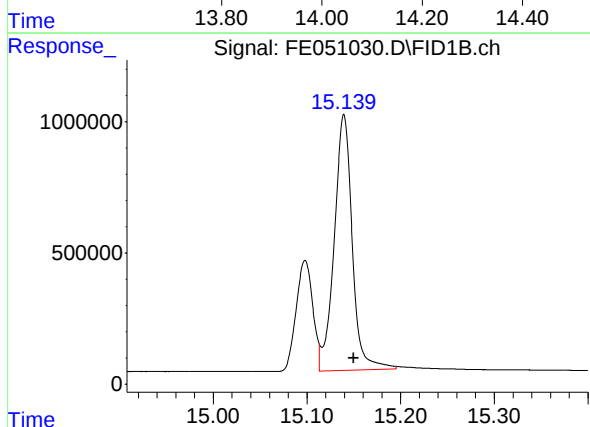
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 6887012
Conc: 49.09 ug/ml

Instrument :
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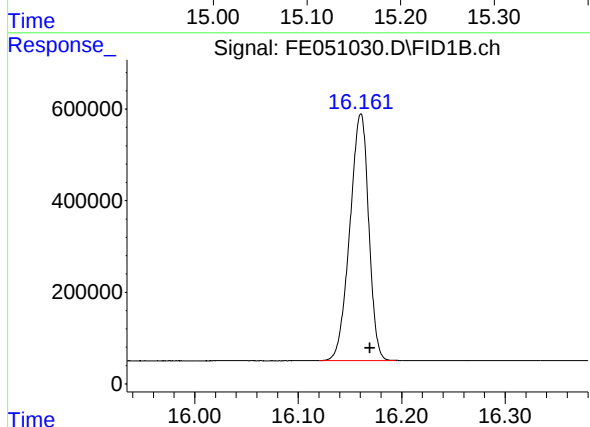
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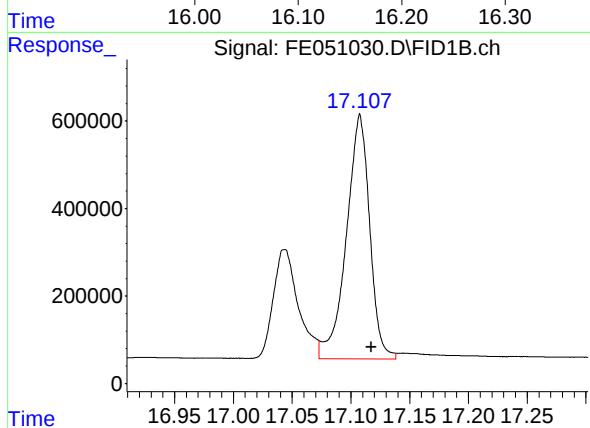
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 13071929
Conc: 92.53 ug/ml m



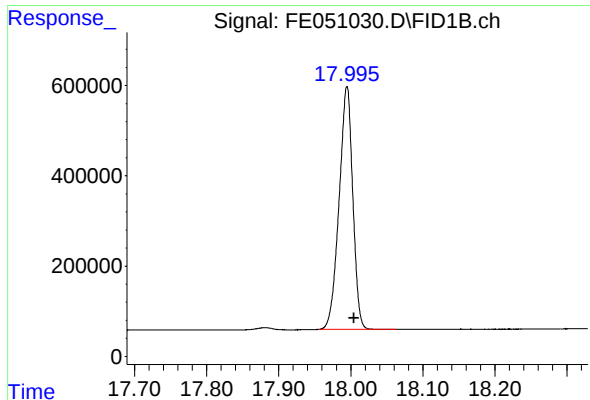
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 6833224
Conc: 48.56 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.010 min
Response: 7705683
Conc: 52.66 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 7105609
Conc: 44.69 ug/ml

Instrument :

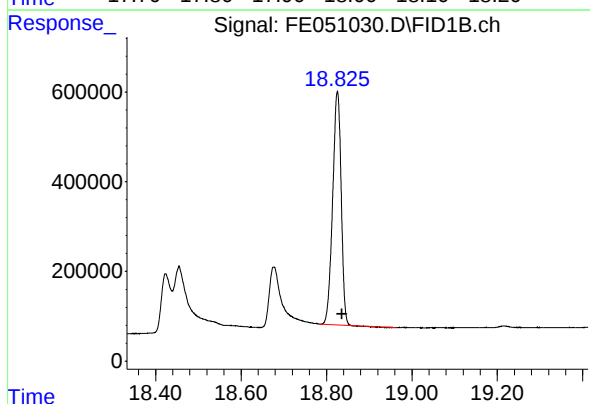
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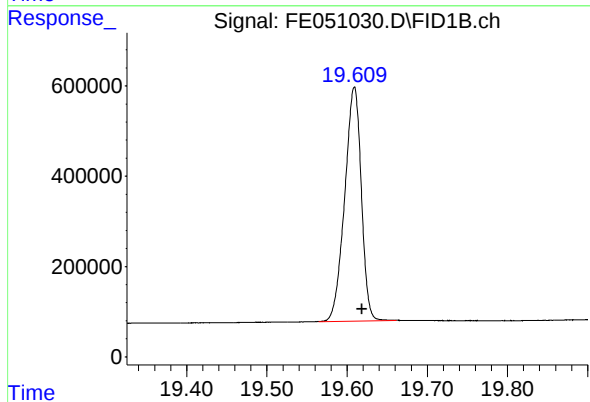
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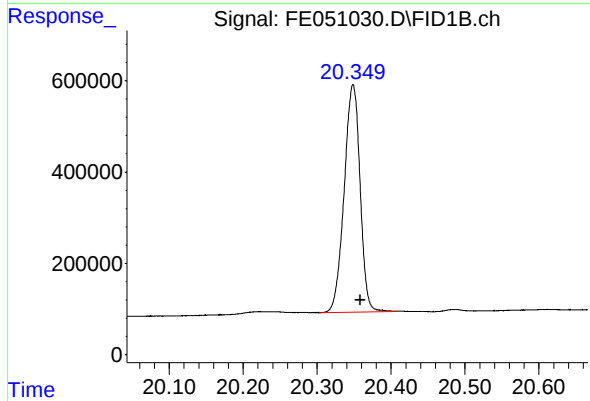
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.011 min
Response: 7156180
Conc: 44.14 ug/ml



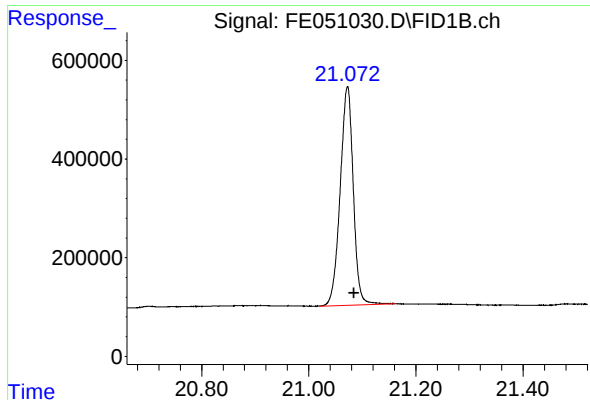
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 7482627
Conc: 50.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.010 min
Response: 7471256
Conc: 58.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.012 min
Response: 7522363
Conc: 60.84 ug/ml

Instrument :

FID_E

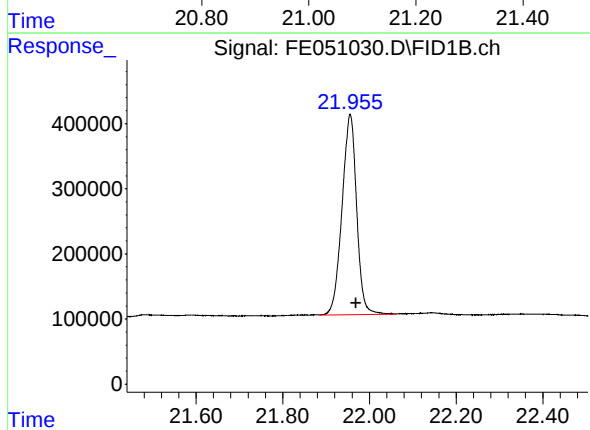
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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 7204423
Conc: 64.70 ug/ml m