

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046513.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 15:29
 Operator : YP\AJ
 Sample : PB158755BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158755BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 02/02/2024

Supervised By :Sohil Jodhani 02/02/2024

Integration File: sample.E

Quant Time: Feb 02 05:34:29 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

Qlast Update : Thu Jan 25 14:56:03 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)	11.823	3008695	16.271 ug/ml
Spiked Amount 50.000		Recovery =	32.54%
12) S 1-chlorooctadecane (S...	13.265	2745210	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.222	5792717	35.862 ug/ml
2) T n-Decane (C10)	4.467	6195852	37.806 ug/ml
3) T A~Naphthalene (C11.7)	6.167	7325518	42.840 ug/ml
4) T n-Dodecane (C12)	6.630	6875679	41.567 ug/ml
5) T A~2-methylnaphthalene...	7.263	7284354	45.673 ug/ml
6) T n-Tetradecane (C14)	8.457	7058933	43.070 ug/ml
7) T n-Hexadecane (C16)	10.065	6941901	40.624 ug/ml
8) T n-Octadecane (C18)	11.510	6984286	40.062 ug/ml
10) T n-Eicosane (C20)	12.822	6942294	40.888 ug/ml
11) T n-Heneicosane (C21)	13.433	6680657	40.054 ug/ml
13) T n-Docosane (C22)	14.021	6580061	39.719 ug/ml
14) T n-Tetracosane (C24)	15.125	15051614	91.220 ug/ml
15) T n-Hexacosane (C26)	16.149	6339073	39.275 ug/ml
16) T n-Octacosane (C28)	17.099	8033381	51.174 ug/mlm
17) T n-Tricontane (C30)	17.991	6199918	39.583 ug/ml
18) T n-Dotriacontane (C32)	18.826	6580580	43.534 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	5814935	40.998 ug/ml
20) T n-Hexatriacontane (C36)	20.353	5397672	39.159 ug/ml
21) T n-Octatriacontane (C38)	21.082	5767876	44.993 ug/ml
22) T n-Tetracontane (C40)	21.975	5849066	46.779 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158755BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

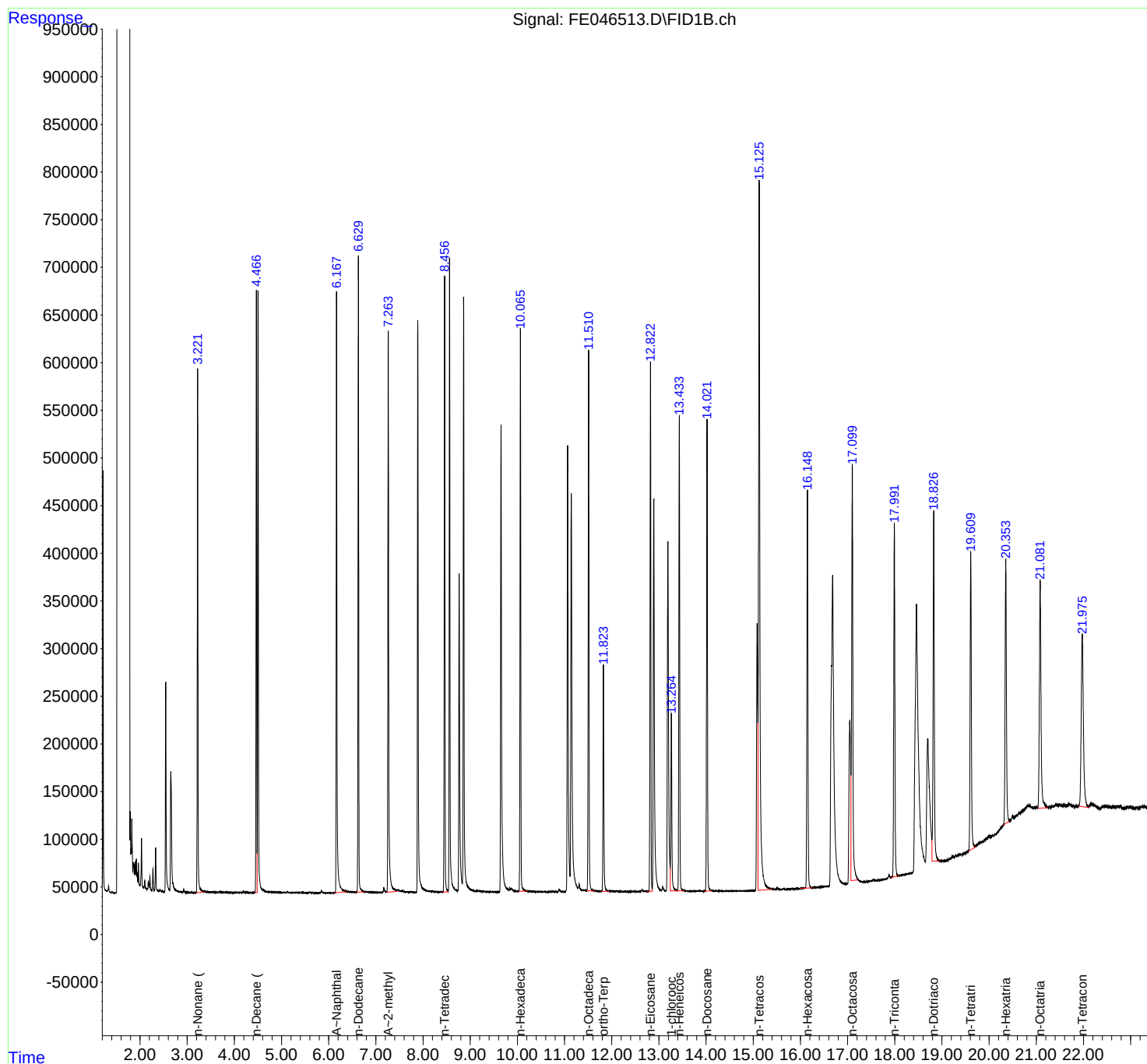
Instrument :
FID_E
ClientSampleId :
PB158755BS

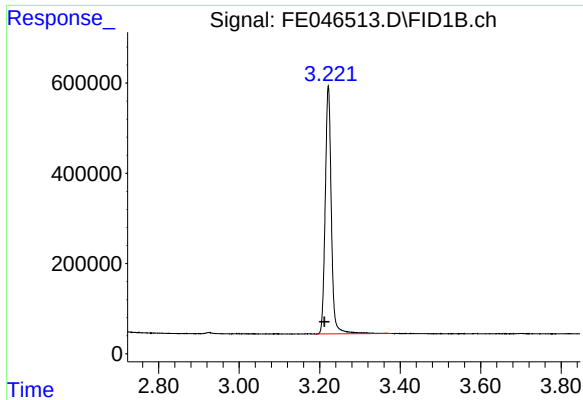
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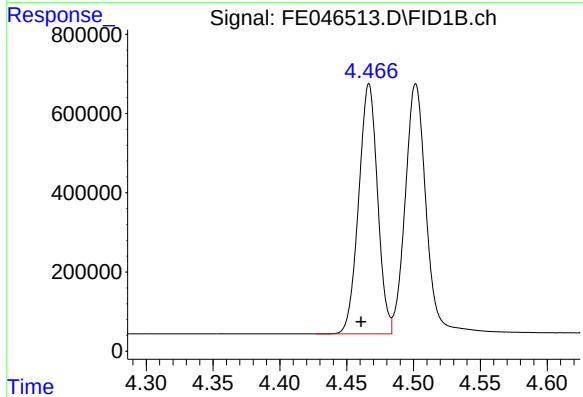
#1 n-Nonane (C9)

R.T.: 3.222 min
Delta R.T.: 0.010 min
Response: 5792717
Conc: 35.86 ug/ml

Instrument :
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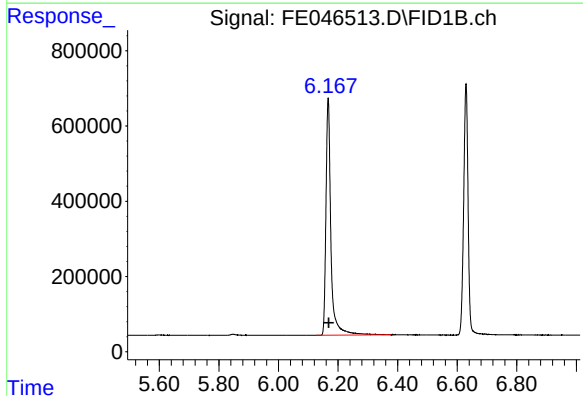
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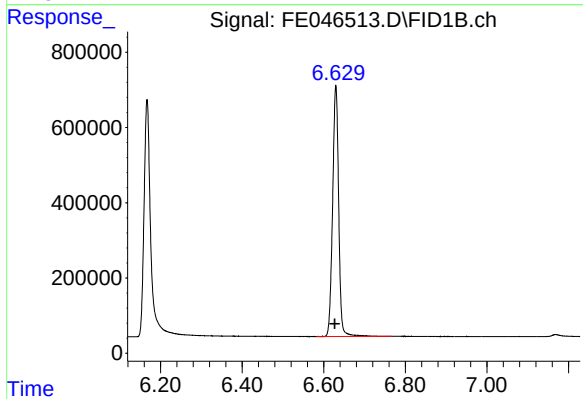
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.006 min
Response: 6195852
Conc: 37.81 ug/ml



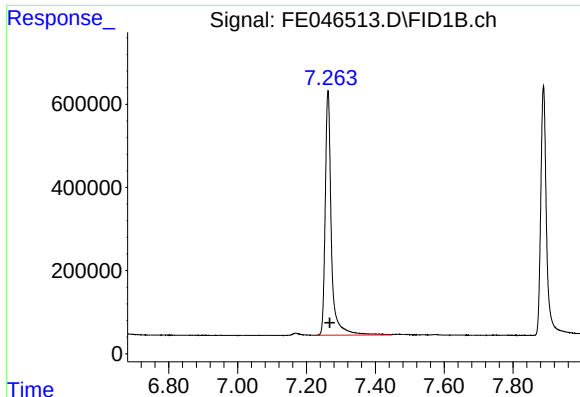
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 7325518
Conc: 42.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 6875679
Conc: 41.57 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.005 min
Response: 7284354
Conc: 45.67 ug/ml

Instrument :

FID_E

ClientSampleId :

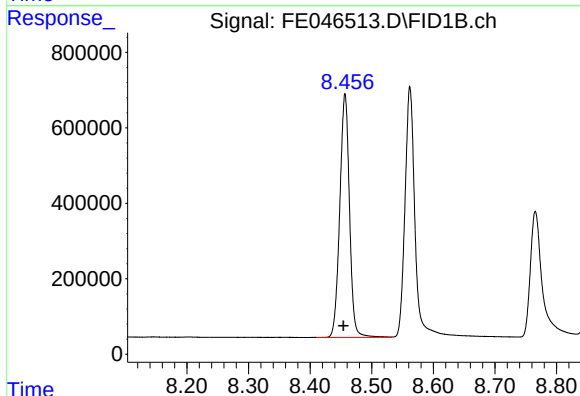
PB158755BS

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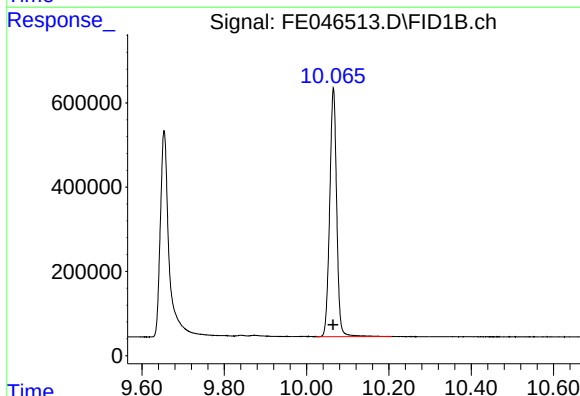
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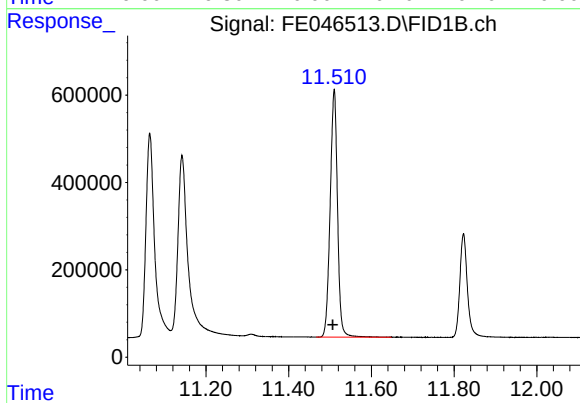
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: 0.003 min
Response: 7058933
Conc: 43.07 ug/ml



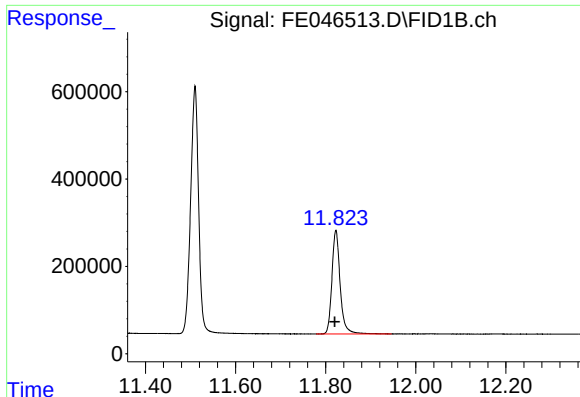
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: 0.001 min
Response: 6941901
Conc: 40.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: 0.004 min
Response: 6984286
Conc: 40.06 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: 0.003 min
Response: 3008695
Conc: 16.27 ug/ml

Instrument :

FID_E

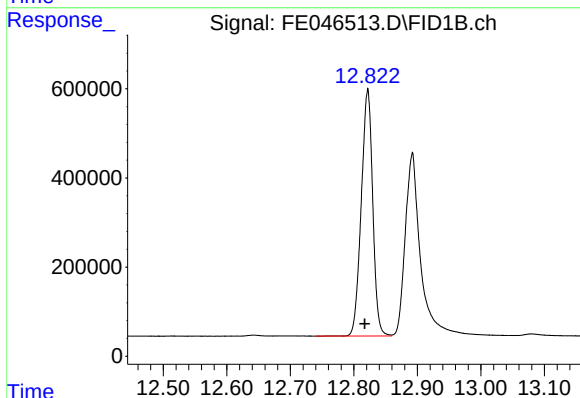
ClientSampleId :

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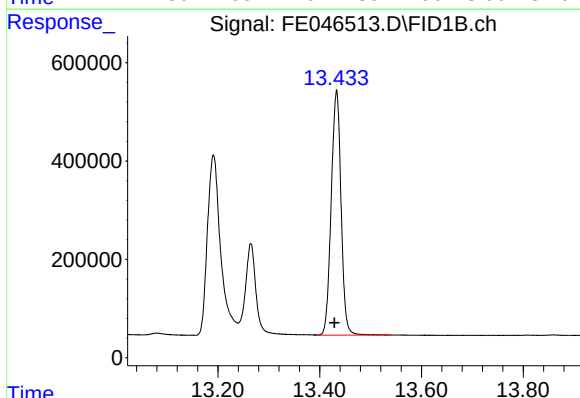
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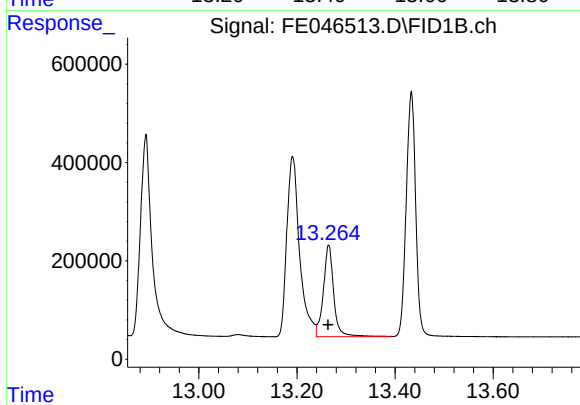
#10 n-Eicosane (C20)

R.T.: 12.822 min
Delta R.T.: 0.005 min
Response: 6942294
Conc: 40.89 ug/ml



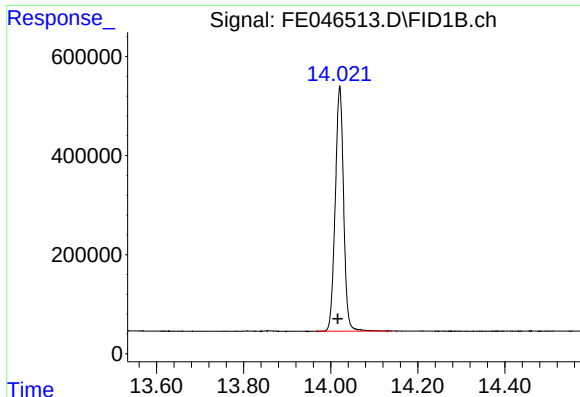
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.004 min
Response: 6680657
Conc: 40.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: 0.001 min
Response: 2745210
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: 0.005 min
Response: 6580061
Conc: 39.72 ug/ml

Instrument :

FID_E

ClientSampleId :

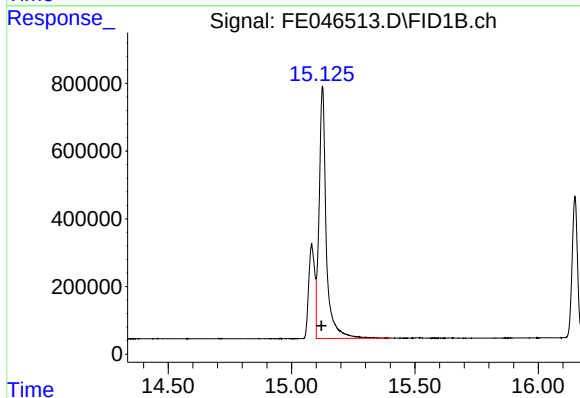
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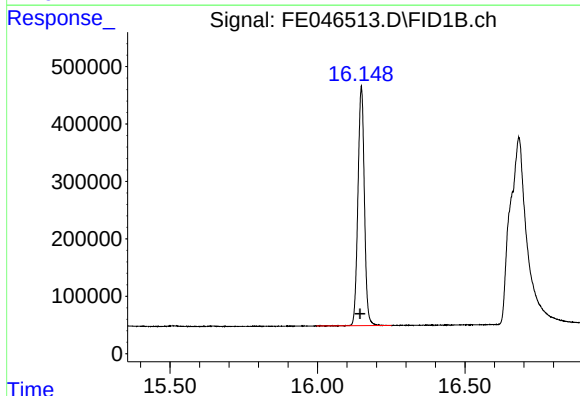
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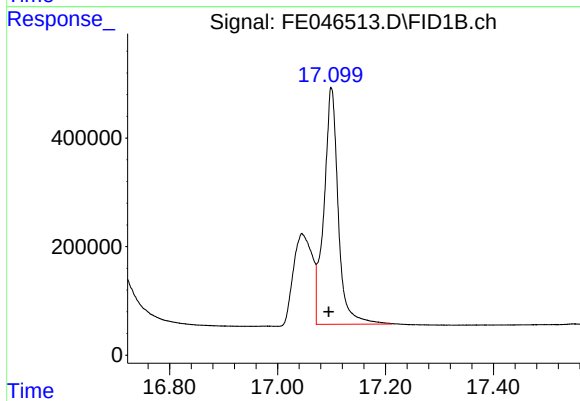
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.004 min
Response: 15051614
Conc: 91.22 ug/ml



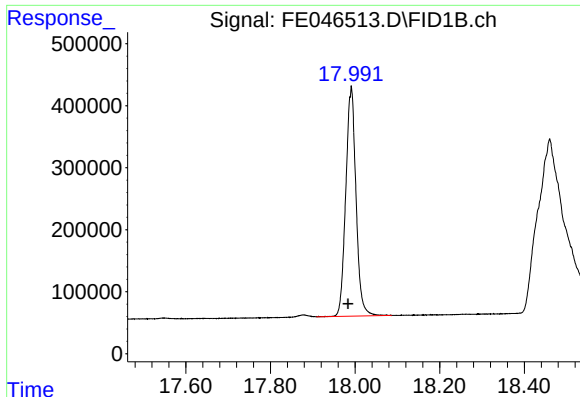
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: 0.005 min
Response: 6339073
Conc: 39.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.099 min
Delta R.T.: 0.004 min
Response: 8033381
Conc: 51.17 ug/ml m



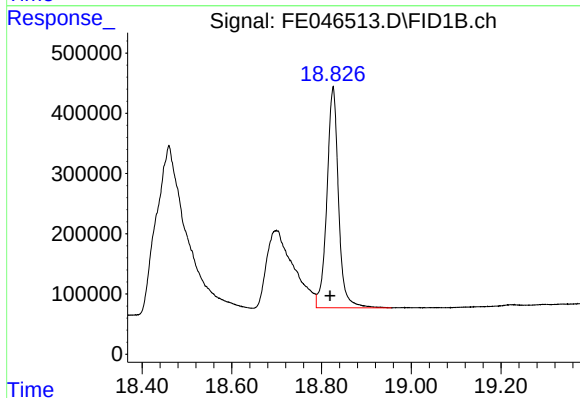
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: 0.008 min
Response: 6199918
Conc: 39.58 ug/ml

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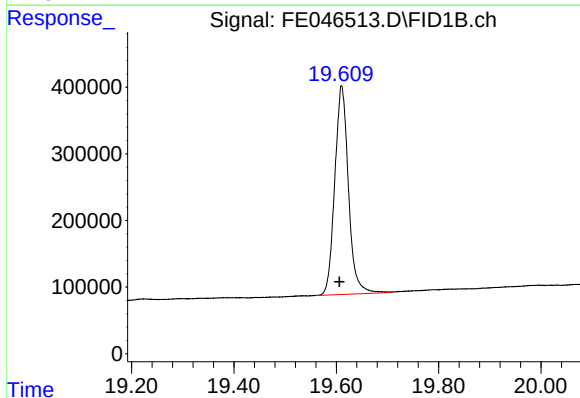
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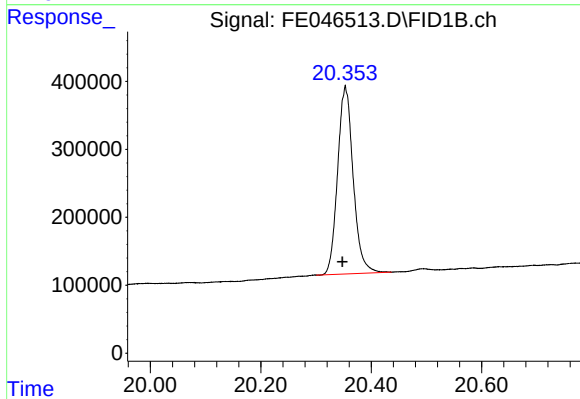
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: 0.007 min
Response: 6580580
Conc: 43.53 ug/ml m



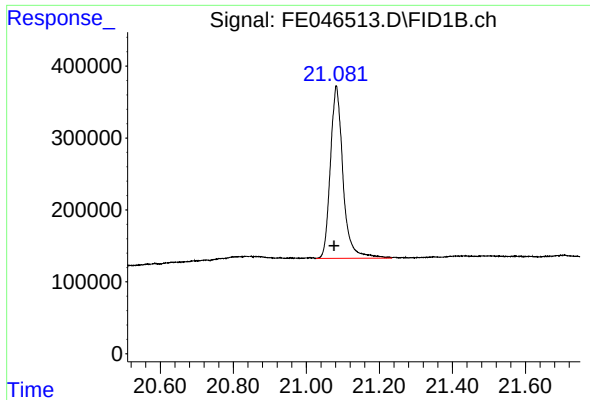
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: 0.004 min
Response: 5814935
Conc: 41.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: 0.006 min
Response: 5397672
Conc: 39.16 ug/ml



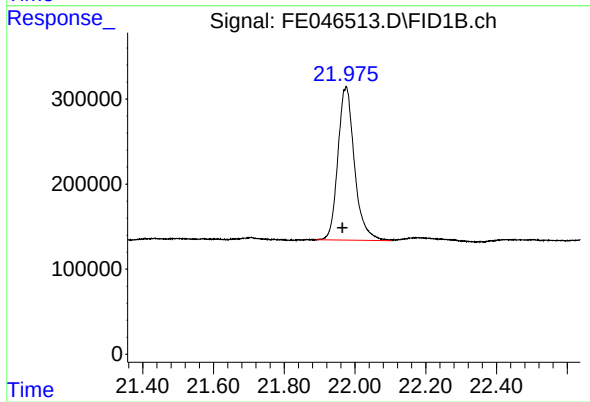
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: 0.006 min
Response: 5767876
Conc: 44.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.011 min
Response: 5849066
Conc: 46.78 ug/ml