

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121123AL\
 Data File : FE045757.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2023 14:27
 Operator : YP\AJ
 Sample : PB157671BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157671BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2023

Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e

Quant Time: Dec 11 23:44:52 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 2023

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)	11.861	8894451	42.534 ug/ml
Spiked Amount 50.000		Recovery =	85.07%
12) S 1-chlorooctadecane (S...	13.304	6765757	42.999 ug/ml
Spiked Amount 50.000		Recovery =	86.00%
Target Compounds			
1) T n-Nonane (C9)	3.255	6484149	40.890 ug/ml
2) T n-Decane (C10)	4.501	6904652	43.118 ug/ml
3) T A~Naphthalene (C11.7)	6.198	7943476	45.601 ug/ml
4) T n-Dodecane (C12)	6.663	7333040	45.398 ug/ml
5) T A~2-methylnaphthalene...	7.294	7889449	46.458 ug/ml
6) T n-Tetradecane (C14)	8.492	7643270	47.644 ug/ml
7) T n-Hexadecane (C16)	10.100	7951542	48.018 ug/ml
8) T n-Octadecane (C18)	11.547	8120999	47.367 ug/ml
10) T n-Eicosane (C20)	12.859	8104699	46.842 ug/ml
11) T n-Heneicosane (C21)	13.473	7691740	44.711 ug/ml
13) T n-Docosane (C22)	14.059	7598723	44.070 ug/ml
14) T n-Tetracosane (C24)	15.158	14847019	85.044 ug/ml
15) T n-Hexacosane (C26)	16.190	7163155	41.131 ug/ml
16) T n-Octacosane (C28)	17.141	7081191	40.971 ug/ml
17) T n-Tricontane (C30)	18.034	6961712	39.793 ug/ml
18) T n-Dotriacontane (C32)	18.867	6857939	37.591 ug/ml
19) T n-Tetratriacontane (C34)	19.653	6863784	41.365 ug/ml
20) T n-Hexatriacontane (C36)	20.397	6744251	42.487 ug/ml
21) T n-Octatriacontane (C38)	21.133	6972682	44.463 ug/ml
22) T n-Tetracontane (C40)	22.039	8081853	56.868 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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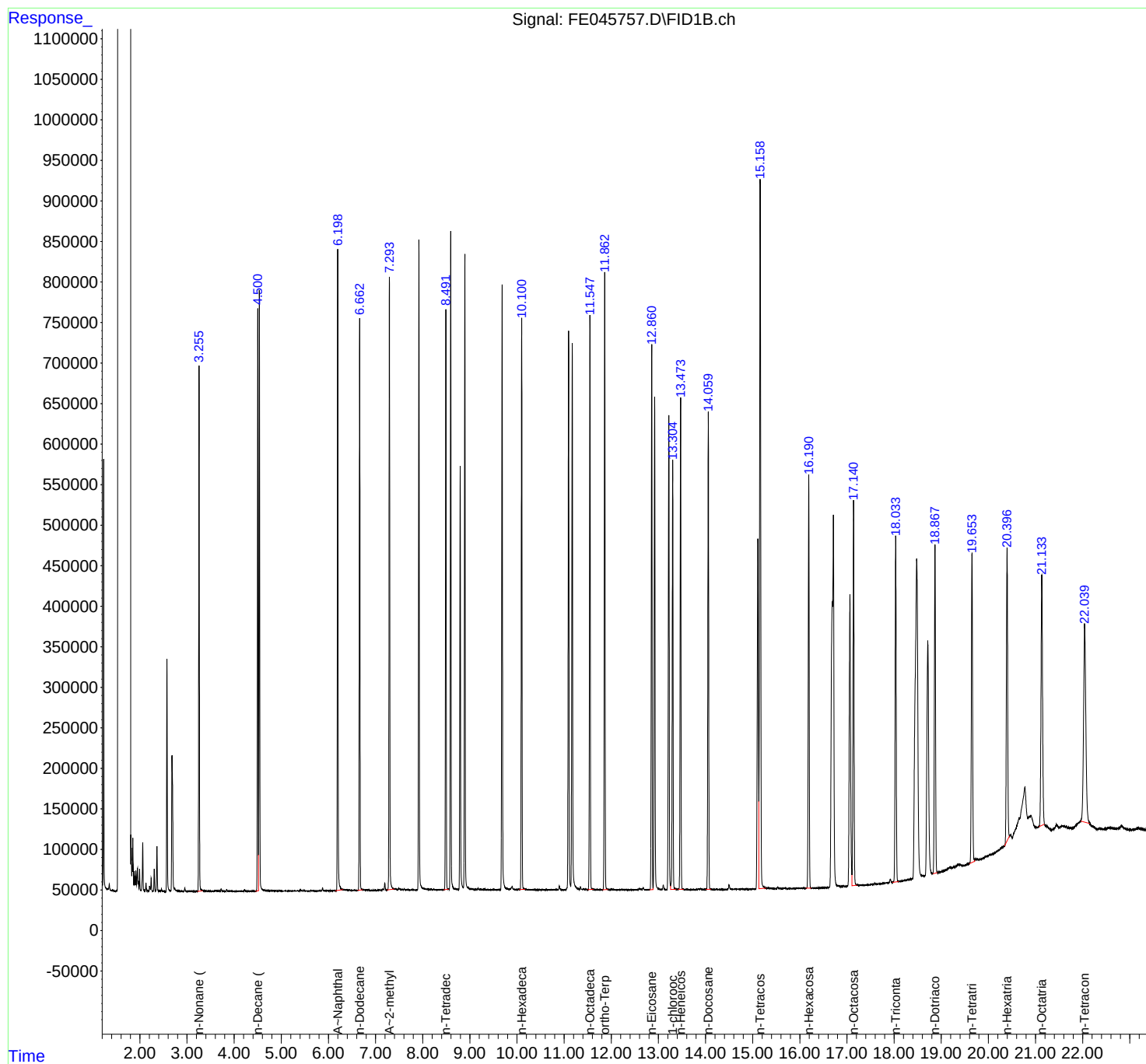
Instrument :
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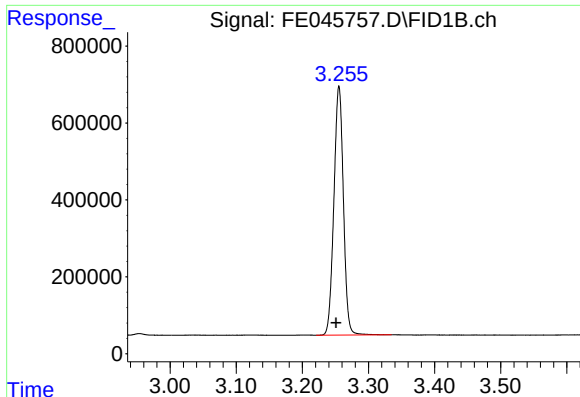
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: 0.004 min
Response: 6484149
Conc: 40.89 ug/ml

Instrument :

FID_E

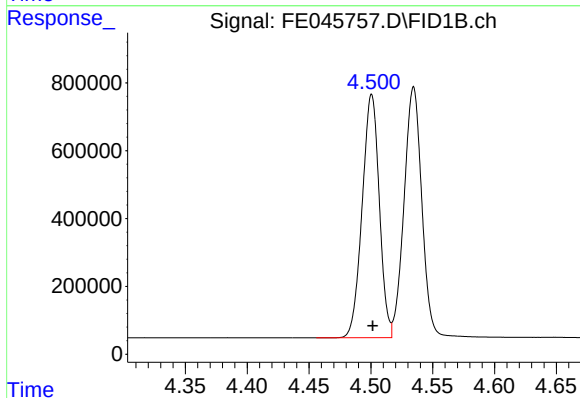
ClientSampleId :

PB157671BS

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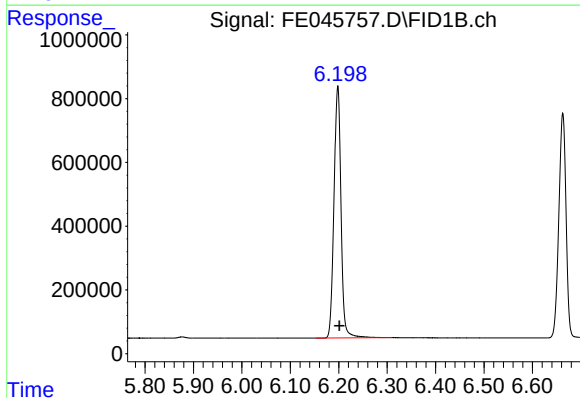
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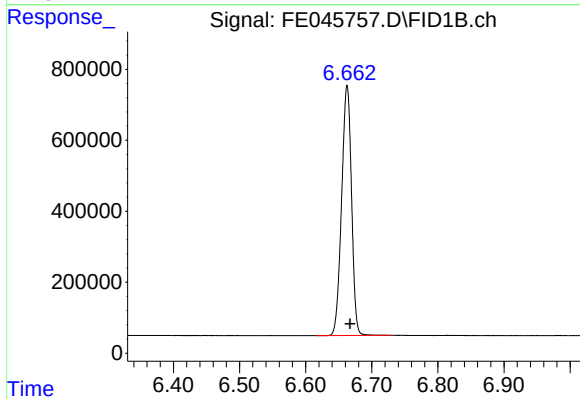
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 6904652
Conc: 43.12 ug/ml



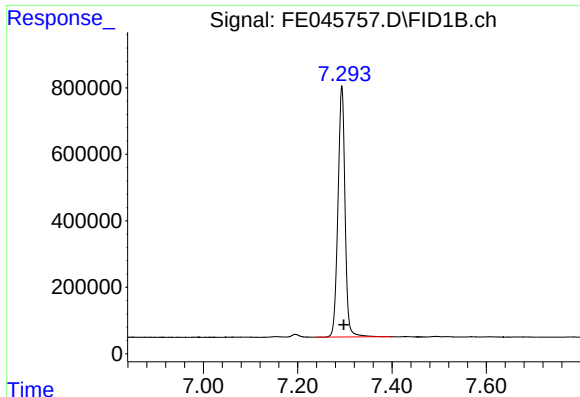
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 7943476
Conc: 45.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 7333040
Conc: 45.40 ug/ml



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

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 7889449
Conc: 46.46 ug/ml

Instrument :

FID_E

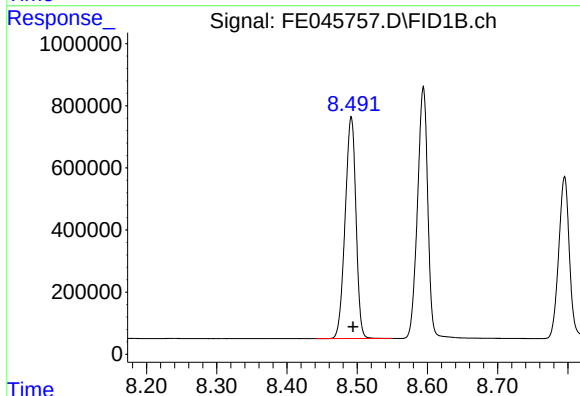
ClientSampleId :

PB157671BS

Manual Integrations

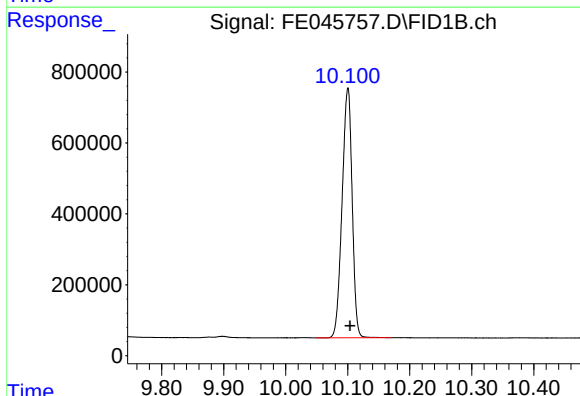
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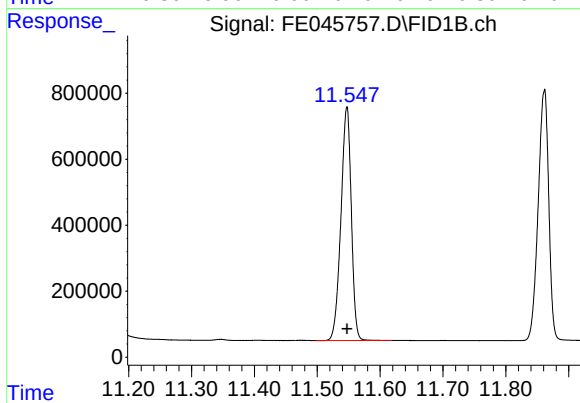
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.003 min
Response: 7643270
Conc: 47.64 ug/ml



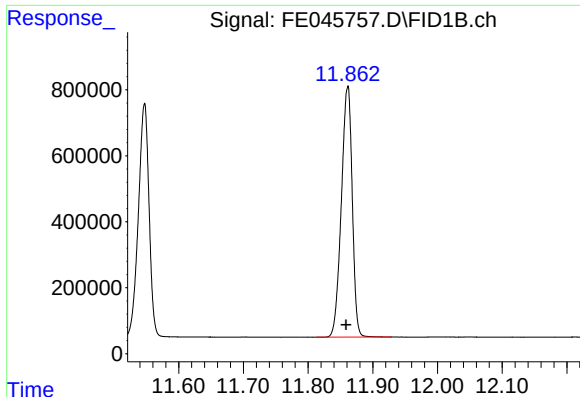
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.004 min
Response: 7951542
Conc: 48.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 8120999
Conc: 47.37 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 8894451
Conc: 42.53 ug/ml

Instrument :

FID_E

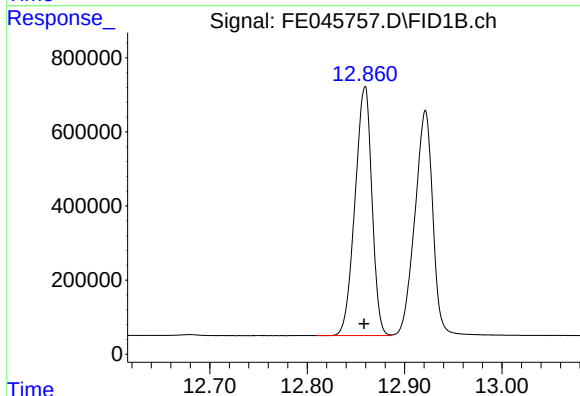
ClientSampleId :

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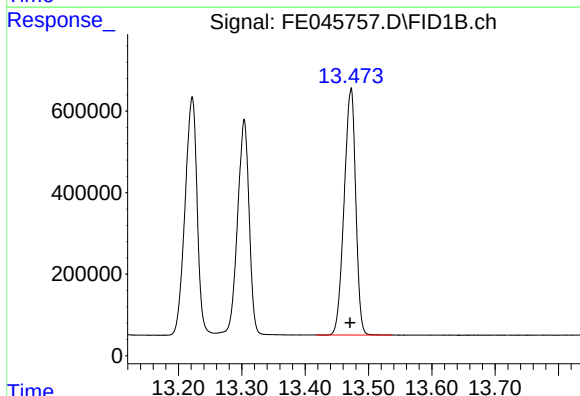
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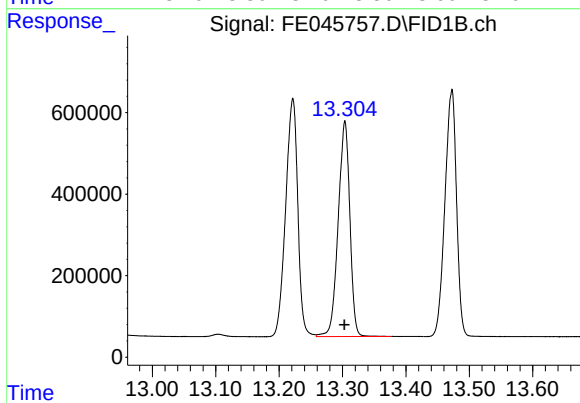
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.001 min
Response: 8104699
Conc: 46.84 ug/ml



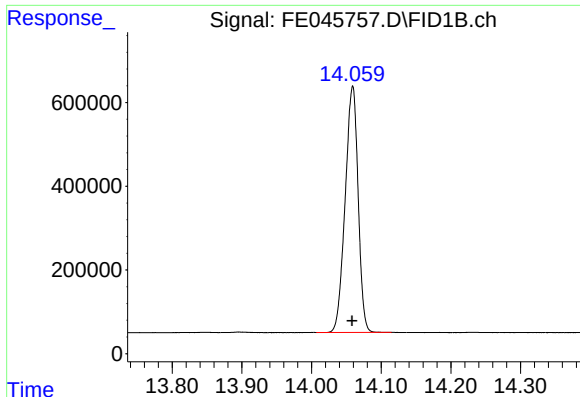
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.001 min
Response: 7691740
Conc: 44.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.000 min
Response: 6765757
Conc: 43.00 ug/ml



#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.000 min
Response: 7598723
Conc: 44.07 ug/ml

Instrument :

FID_E

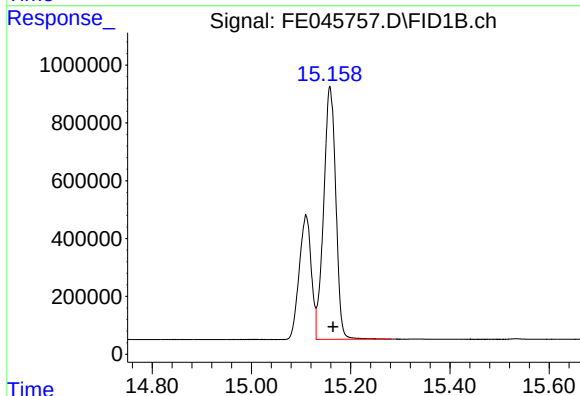
ClientSampleId :

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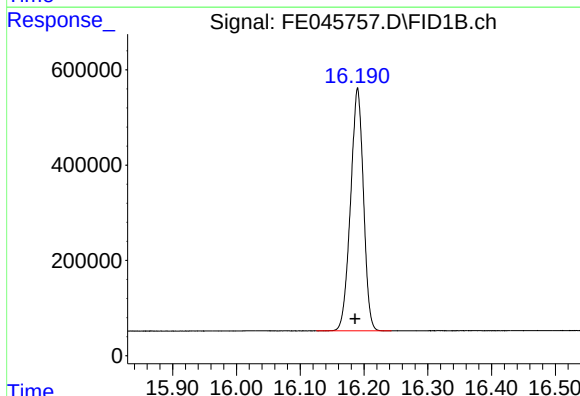
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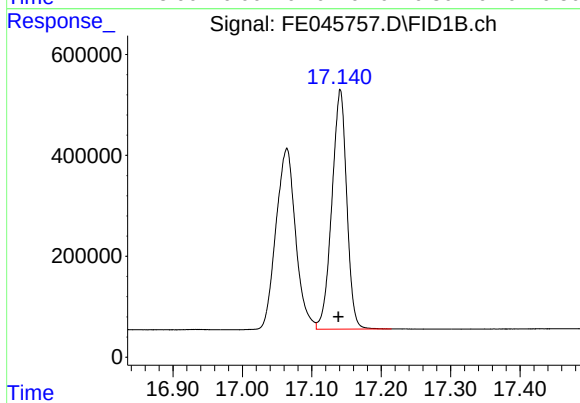
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.006 min
Response: 14847019
Conc: 85.04 ug/ml



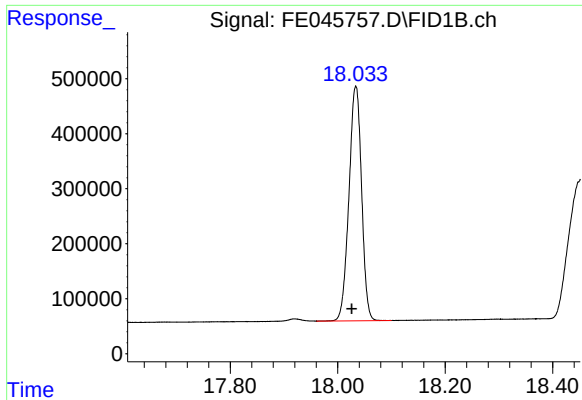
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.004 min
Response: 7163155
Conc: 41.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.003 min
Response: 7081191
Conc: 40.97 ug/ml



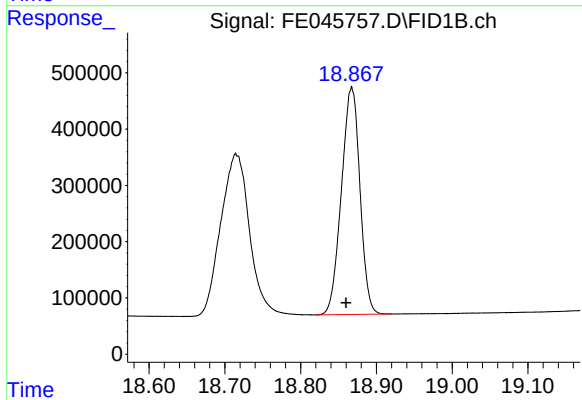
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: 0.008 min
Response: 6961712
Conc: 39.79 ug/ml

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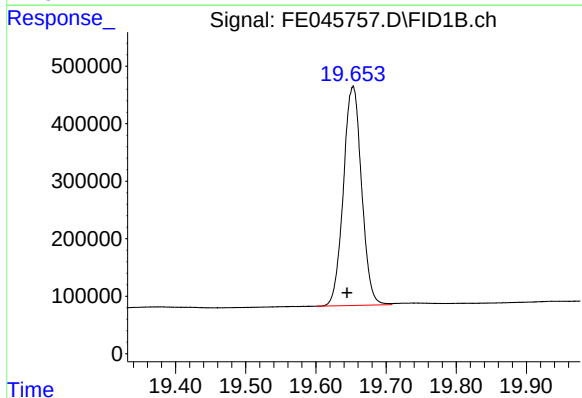
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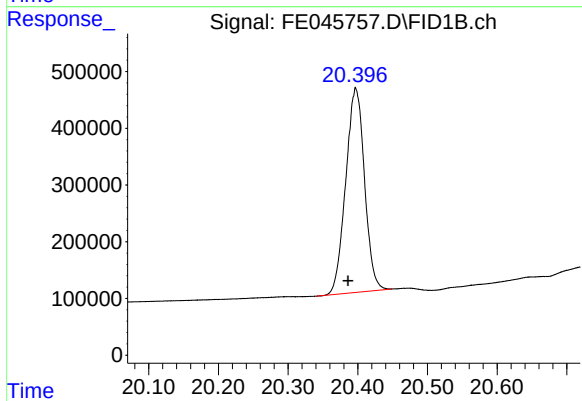
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.007 min
Response: 6857939
Conc: 37.59 ug/ml



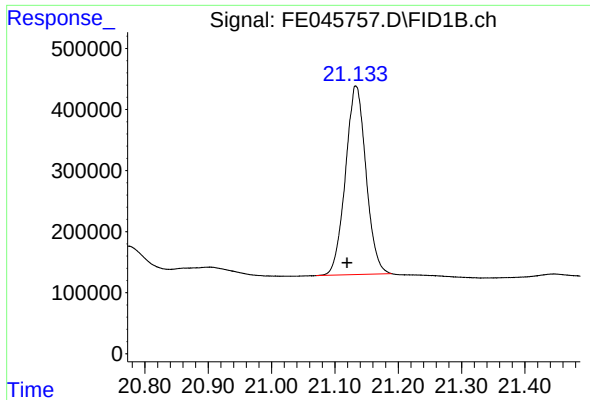
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.008 min
Response: 6863784
Conc: 41.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: 0.011 min
Response: 6744251
Conc: 42.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: 0.014 min
Response: 6972682
Conc: 44.46 ug/ml

Instrument :

FID_E

ClientSampleId :

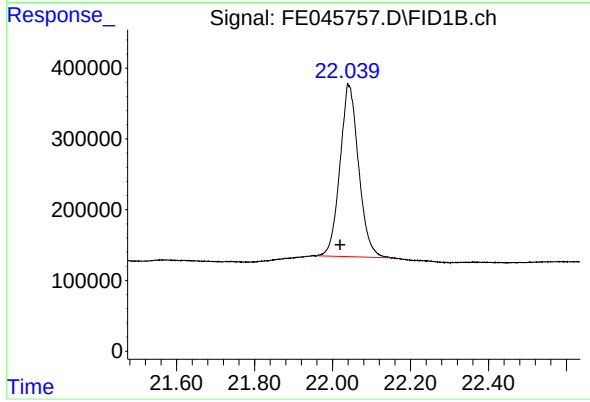
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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.019 min
Response: 8081853
Conc: 56.87 ug/ml m