

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051386.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 13:48
 Operator : YP\AJ
 Sample : PB165156BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165156BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e

Quant Time: Nov 22 03:47:25 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.844	7080240	47.172 ug/ml
Spiked Amount 50.000		Recovery =	94.34%
12) S 1-chlorooctadecane (S...	13.275	6153285	54.199 ug/ml
Spiked Amount 50.000		Recovery =	108.40%
Target Compounds			
1) T n-Nonane (C9)	3.240	5154580	37.252 ug/ml
2) T n-Decane (C10)	4.484	5670482	40.452 ug/ml
3) T A~Naphthalene (C11.7)	6.193	5970940	45.286 ug/ml
4) T n-Dodecane (C12)	6.647	6401701	45.339 ug/ml
5) T A~2-methylnaphthalene...	7.288	6091127	48.692 ug/mlm
6) T n-Tetradecane (C14)	8.475	6624581	47.535 ug/ml
7) T n-Hexadecane (C16)	10.080	6548237	46.144 ug/ml
8) T n-Octadecane (C18)	11.521	6648451	46.556 ug/ml
10) T n-Eicosane (C20)	12.830	6733424	49.201 ug/ml
11) T n-Heneicosane (C21)	13.440	6449707	48.260 ug/ml
13) T n-Docosane (C22)	14.026	6423036	48.312 ug/ml
14) T n-Tetracosane (C24)	15.129	12182628	91.835 ug/ml
15) T n-Hexacosane (C26)	16.147	6219825	46.462 ug/ml
16) T n-Octacosane (C28)	17.096	7165497	52.560 ug/ml
17) T n-Tricontane (C30)	17.983	6132848	42.212 ug/ml
18) T n-Dotriacontane (C32)	18.814	6175703	41.592 ug/mlm
19) T n-Tetratriacontane (C34)	19.597	5816686	43.290 ug/ml
20) T n-Hexatriacontane (C36)	20.337	5531843	46.362 ug/ml
21) T n-Octatriacontane (C38)	21.058	5312893	46.680 ug/ml
22) T n-Tetracontane (C40)	21.937	5184283	46.612 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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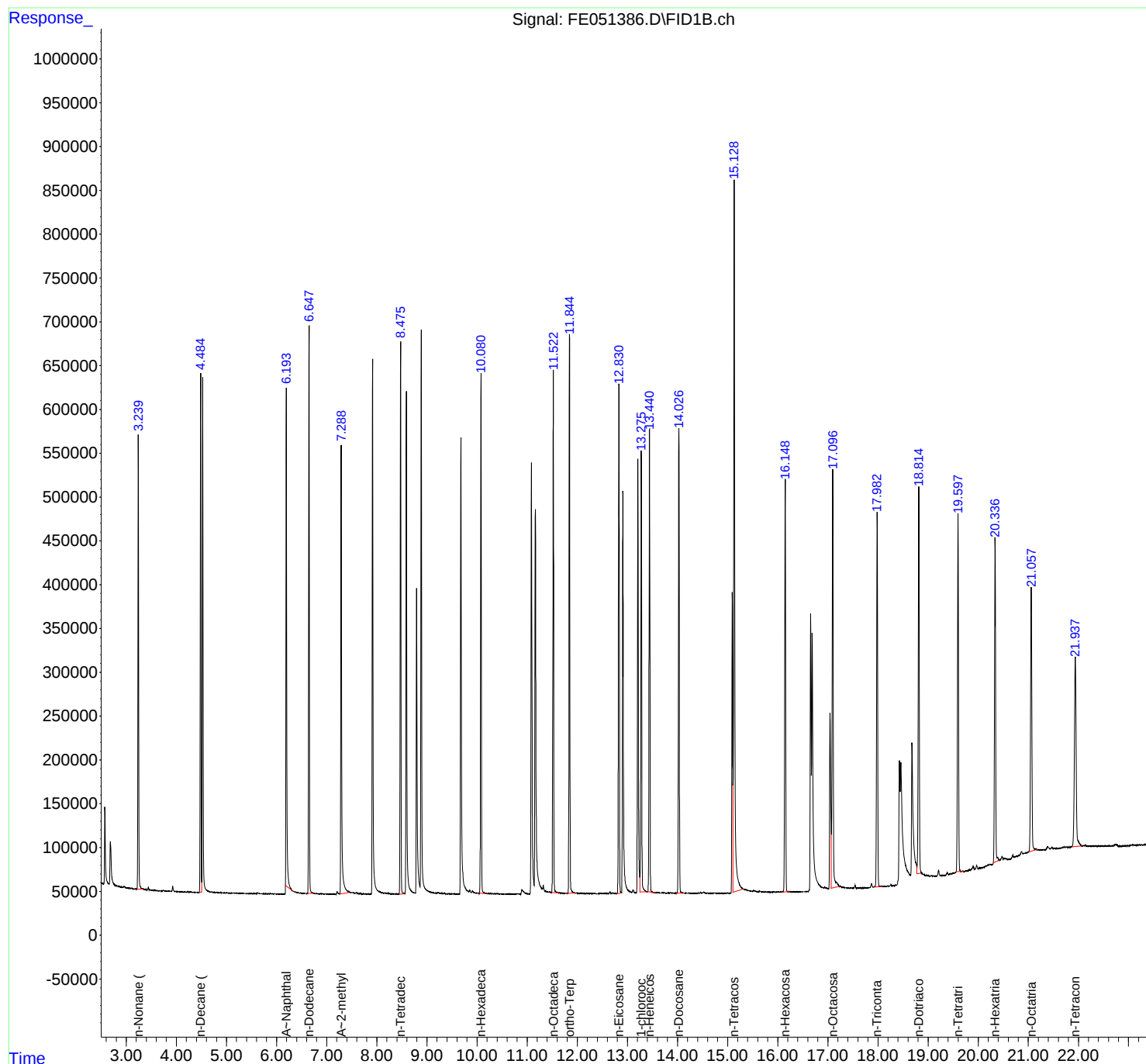
Response via : Initial Calibration

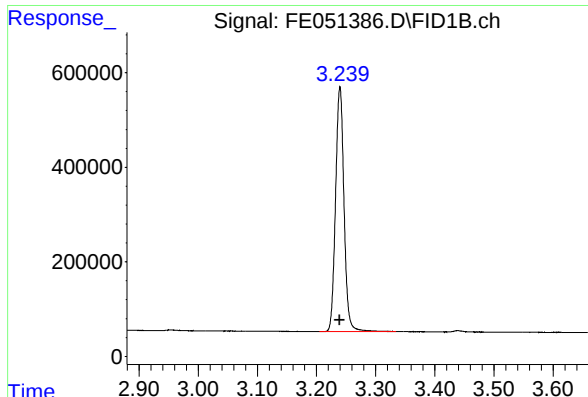
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 5154580
Conc: 37.25 ug/ml

Instrument :

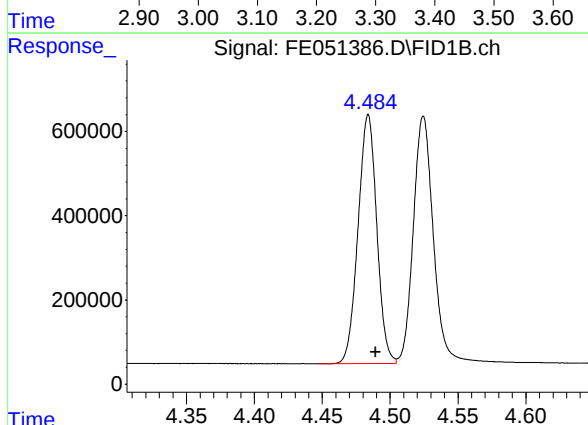
FID_E

ClientSampleId :

PB165156BS

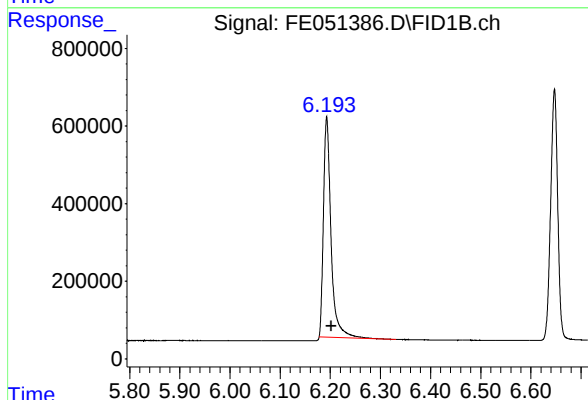
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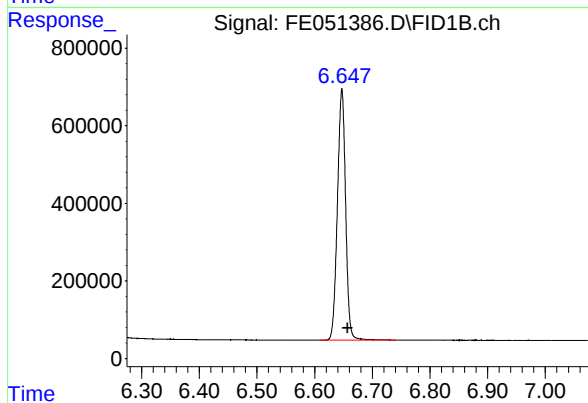
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 5670482
Conc: 40.45 ug/ml



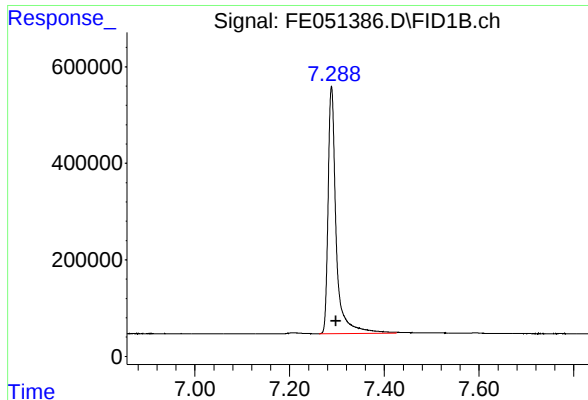
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.009 min
Response: 5970940
Conc: 45.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.010 min
Response: 6401701
Conc: 45.34 ug/ml



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

R.T.: 7.288 min
Delta R.T.: -0.010 min
Response: 6091127
Conc: 48.69 ug/ml

Instrument :

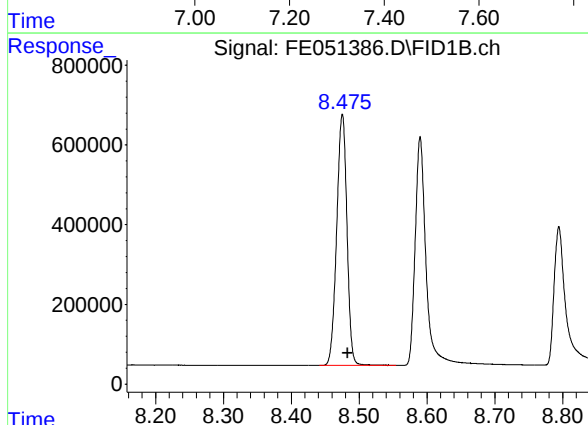
FID_E

ClientSampleId :

PB165156BS

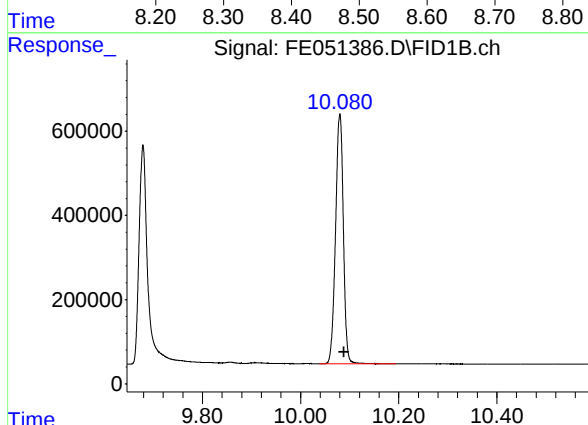
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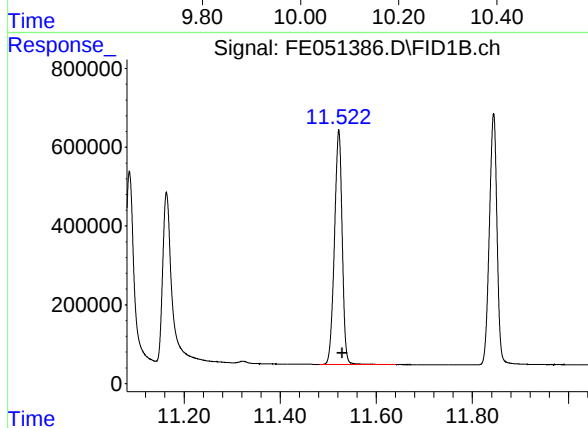
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.008 min
Response: 6624581
Conc: 47.53 ug/ml



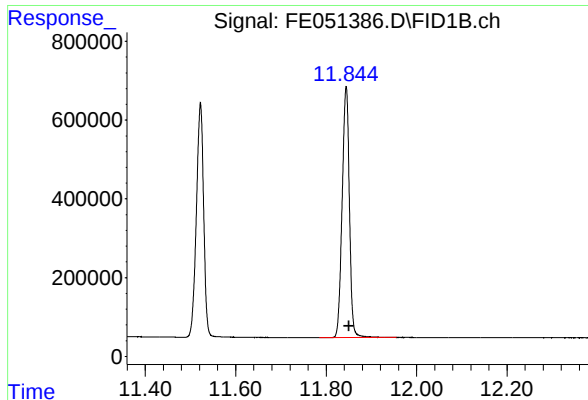
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.009 min
Response: 6548237
Conc: 46.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.008 min
Response: 6648451
Conc: 46.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.007 min
Response: 7080240
Conc: 47.17 ug/ml

Instrument :

FID_E

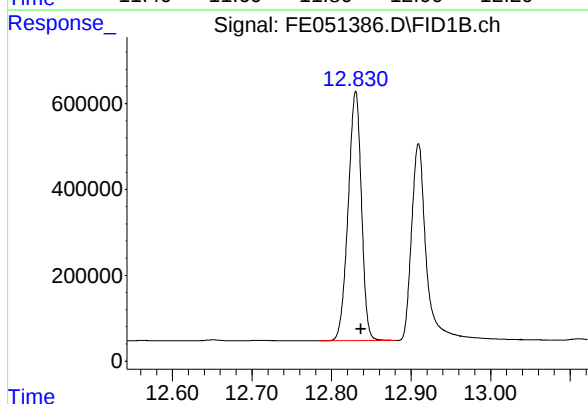
ClientSampleId :

PB165156BS

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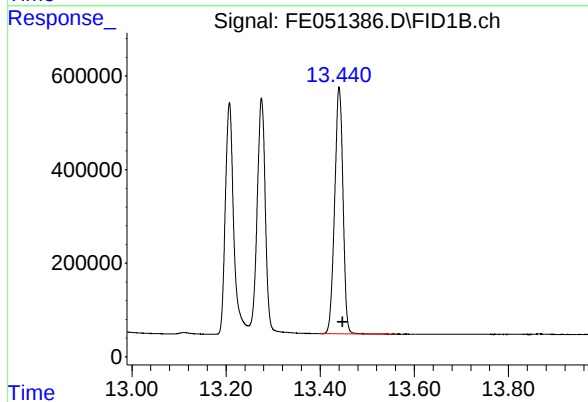
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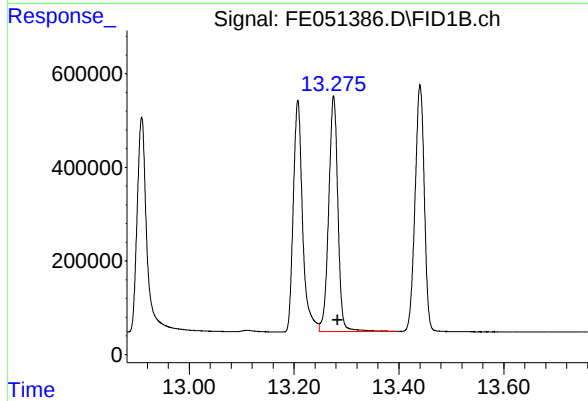
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.007 min
Response: 6733424
Conc: 49.20 ug/ml



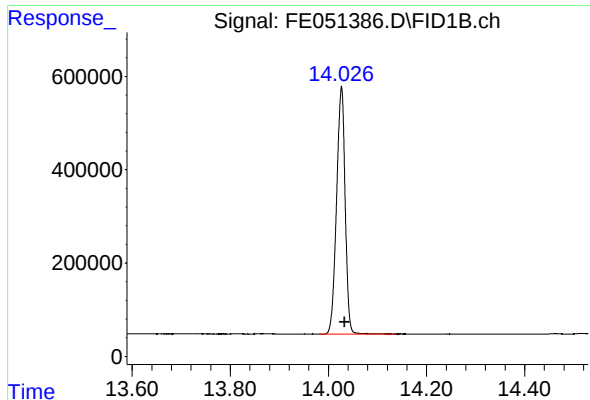
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.008 min
Response: 6449707
Conc: 48.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.008 min
Response: 6153285
Conc: 54.20 ug/ml



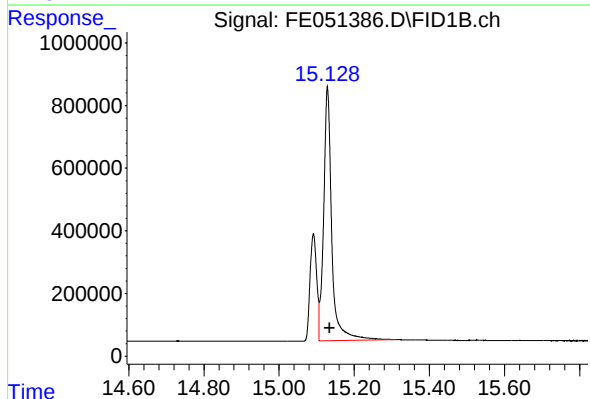
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.007 min
Response: 6423036
Conc: 48.31 ug/ml

Instrument :
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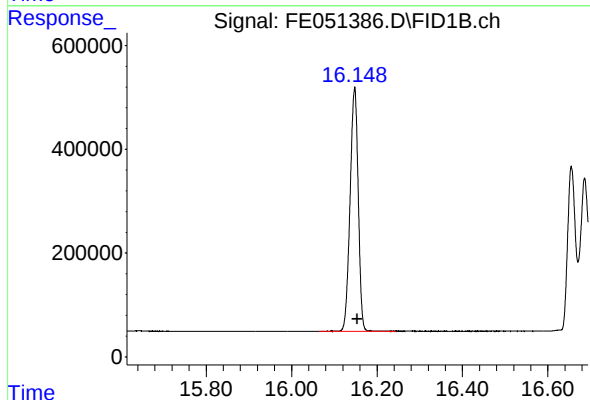
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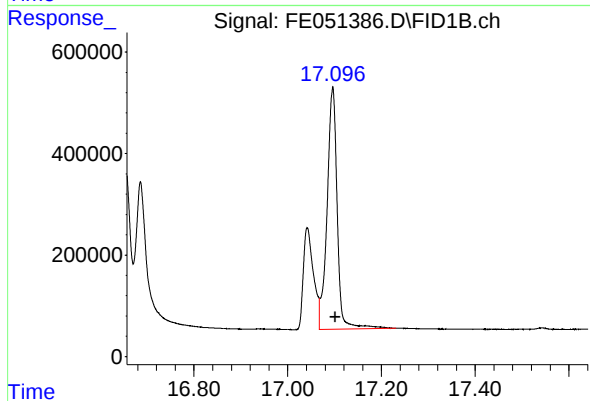
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.005 min
Response: 12182628
Conc: 91.83 ug/ml



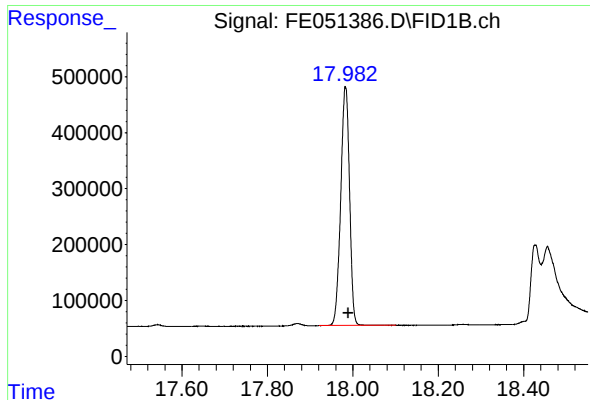
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.007 min
Response: 6219825
Conc: 46.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: -0.007 min
Response: 7165497
Conc: 52.56 ug/ml



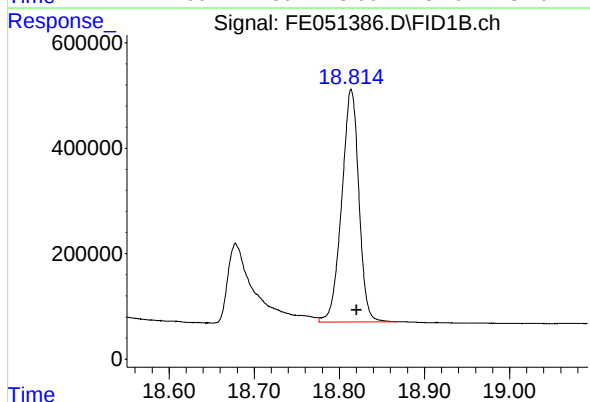
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 6132848
Conc: 42.21 ug/ml

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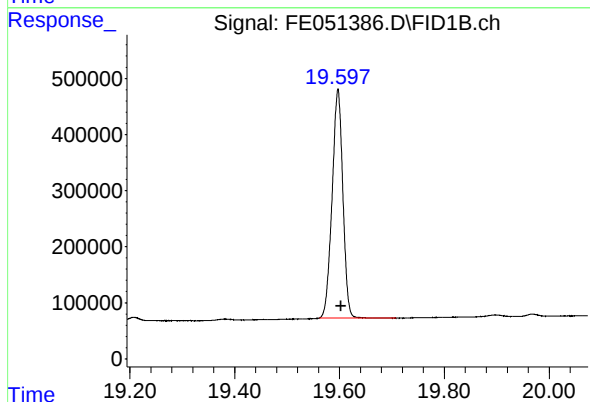
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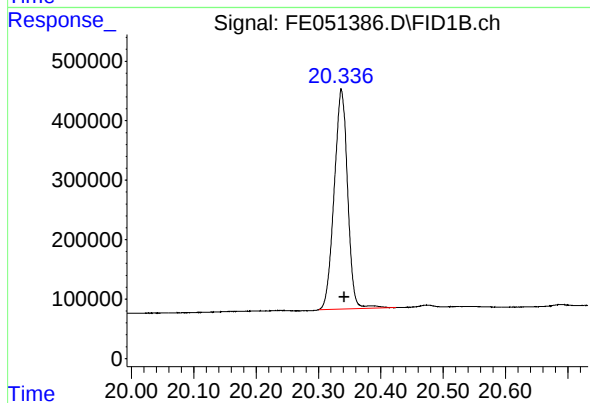
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.006 min
Response: 6175703
Conc: 41.59 ug/ml



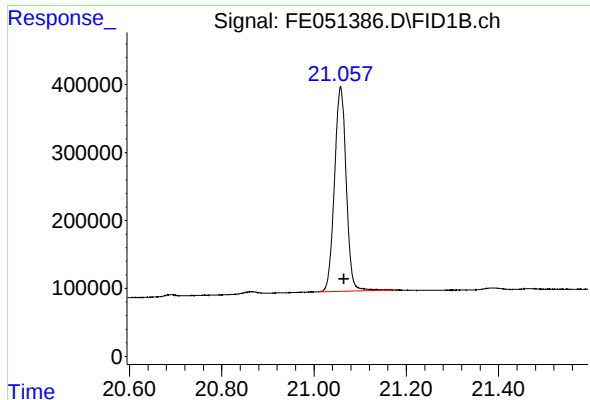
#19 n-Tetatriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.006 min
Response: 5816686
Conc: 43.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.005 min
Response: 5531843
Conc: 46.36 ug/ml



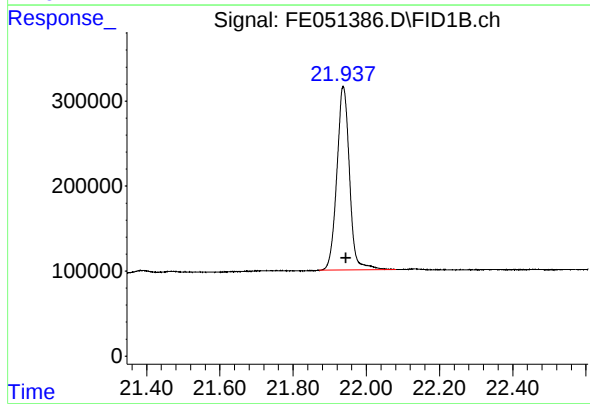
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 5312893
Conc: 46.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.007 min
Response: 5184283
Conc: 46.61 ug/ml