

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045571.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 13:49
 Operator : YP\AJ
 Sample : PB157452BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157452BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e

Quant Time: Nov 29 23:47:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.868	7779751	40.747 ug/ml
Spiked Amount 50.000		Recovery =	81.49%
12) S 1-chlorooctadecane (S...	13.310	5799241	42.103 ug/ml
Spiked Amount 50.000		Recovery =	84.21%
Target Compounds			
1) T n-Nonane (C9)	3.270	7186979	43.505 ug/ml
2) T n-Decane (C10)	4.514	7585328	45.237 ug/ml
3) T A~Naphthalene (C11.7)	6.207	8609186	48.231 ug/ml
4) T n-Dodecane (C12)	6.673	8074121	47.808 ug/ml
5) T A~2-methylnaphthalene...	7.302	8484832	49.411 ug/ml
6) T n-Tetradecane (C14)	8.501	8681361	52.088 ug/ml
7) T n-Hexadecane (C16)	10.110	9203368	54.716 ug/ml
8) T n-Octadecane (C18)	11.557	9360050	55.924 ug/ml
10) T n-Eicosane (C20)	12.868	9209504	58.138 ug/ml
11) T n-Heneicosane (C21)	13.480	8687585	56.502 ug/ml
13) T n-Docosane (C22)	14.067	8526854	56.277 ug/ml
14) T n-Tetracosane (C24)	15.155	16917815	114.224 ug/mlm
15) T n-Hexacosane (C26)	16.198	8136704	55.824 ug/ml
16) T n-Octacosane (C28)	17.147	8369222	57.273 ug/ml
17) T n-Tricontane (C30)	18.037	8193478	53.941 ug/ml
18) T n-Dotriacontane (C32)	18.871	8524066	54.564 ug/ml
19) T n-Tetratriacontane (C34)	19.657	8378901	53.664 ug/mlm
20) T n-Hexatriacontane (C36)	20.399	8234606	50.731 ug/mlm
21) T n-Octatriacontane (C38)	21.133	8367556	50.364 ug/ml
22) T n-Tetracontane (C40)	22.038	7897684	46.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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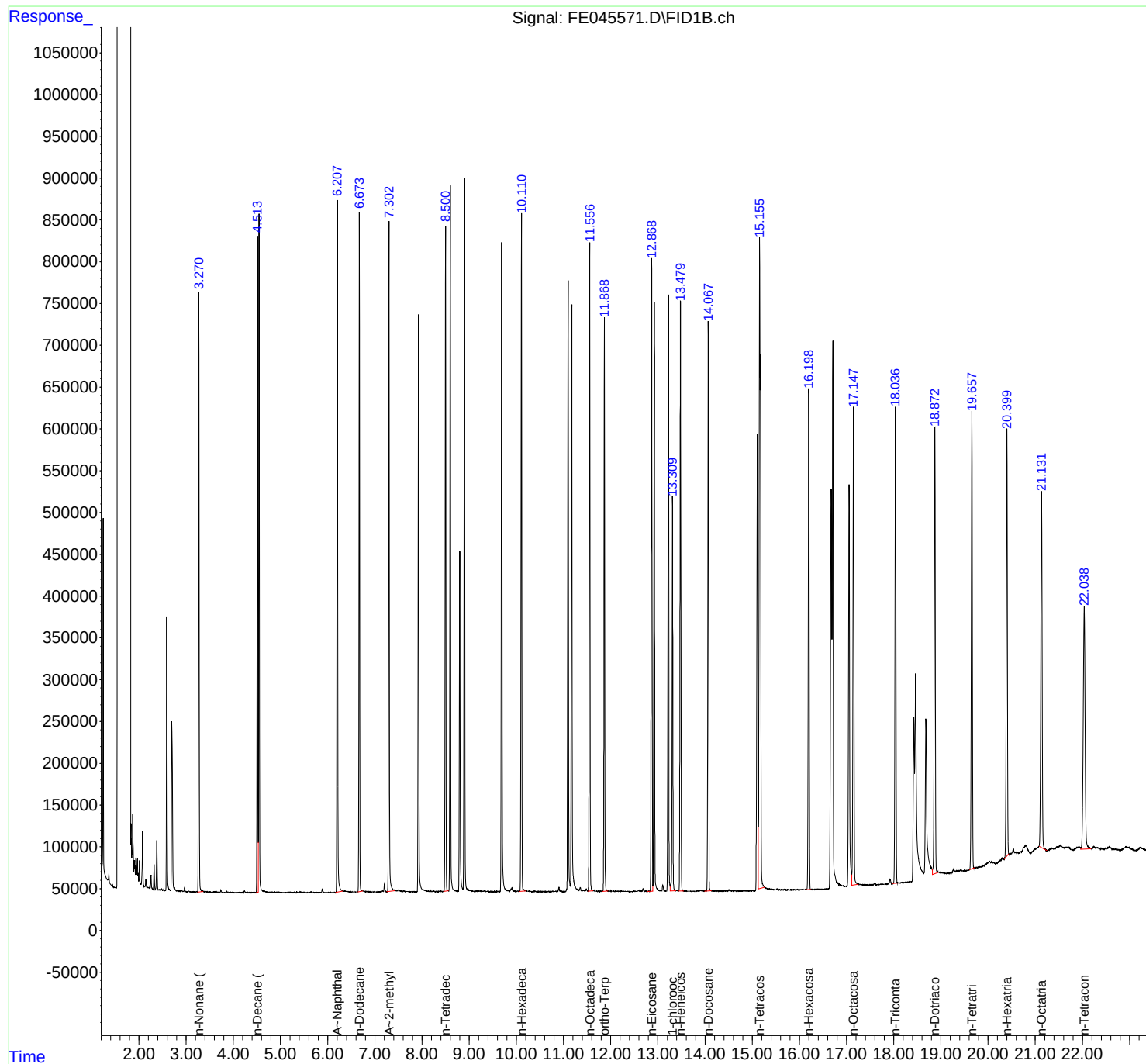
Response via : Initial Calibration

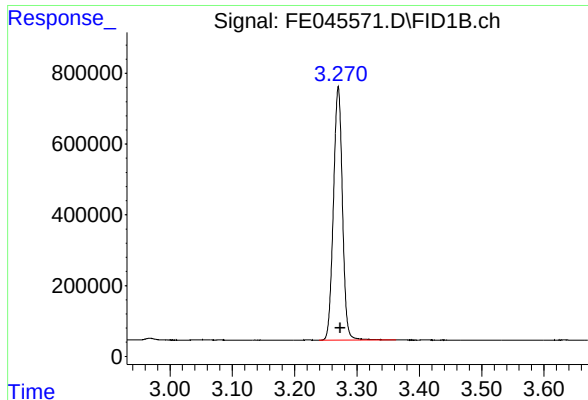
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 7186979
Conc: 43.50 ug/ml

Instrument :

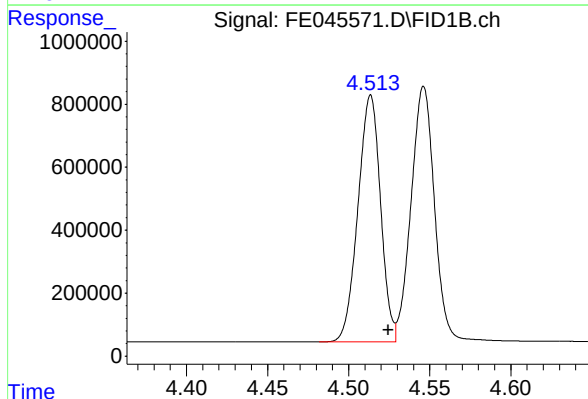
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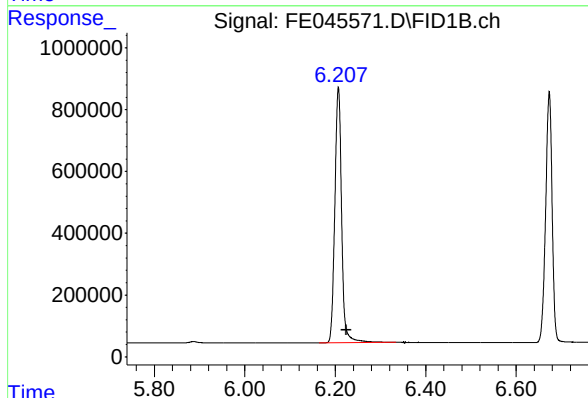
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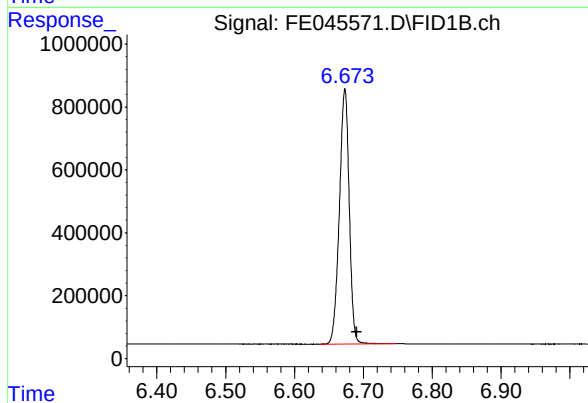
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.011 min
Response: 7585328
Conc: 45.24 ug/ml



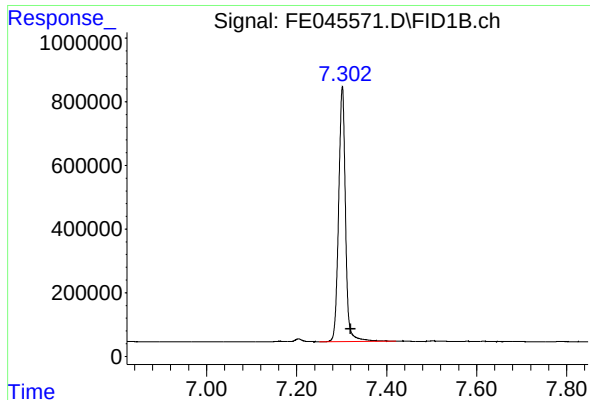
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 8609186
Conc: 48.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 8074121
Conc: 47.81 ug/ml



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

R.T.: 7.302 min
Delta R.T.: -0.019 min
Response: 8484832
Conc: 49.41 ug/ml

Instrument :

FID_E

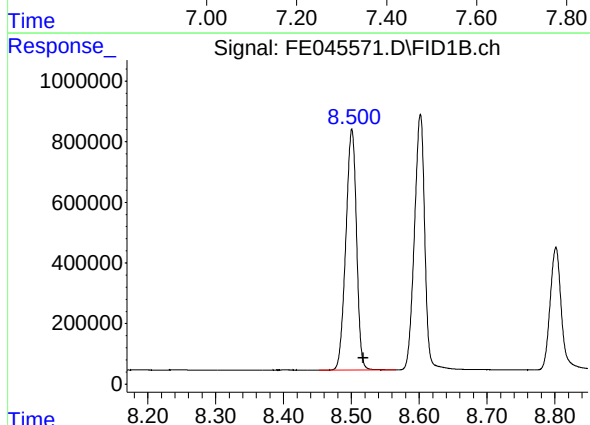
ClientSampleId :

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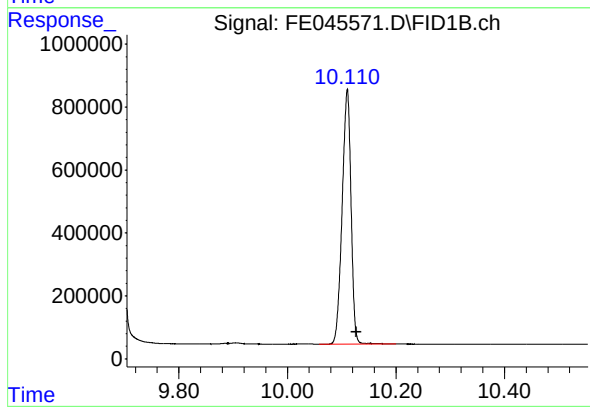
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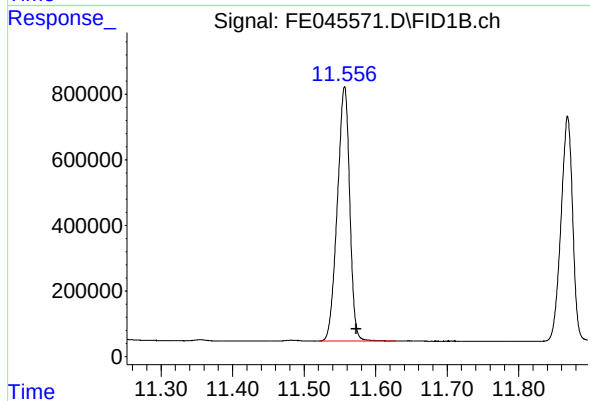
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.017 min
Response: 8681361
Conc: 52.09 ug/ml



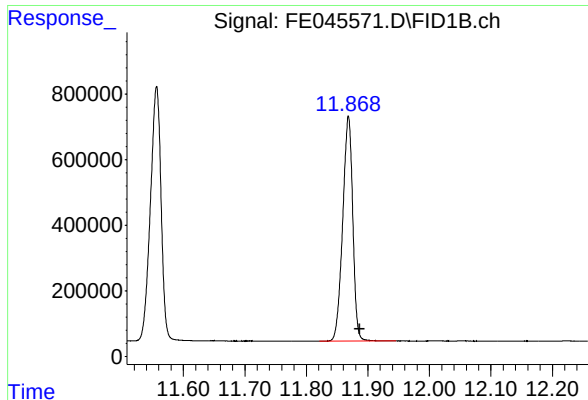
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.016 min
Response: 9203368
Conc: 54.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.016 min
Response: 9360050
Conc: 55.92 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 7779751
Conc: 40.75 ug/ml

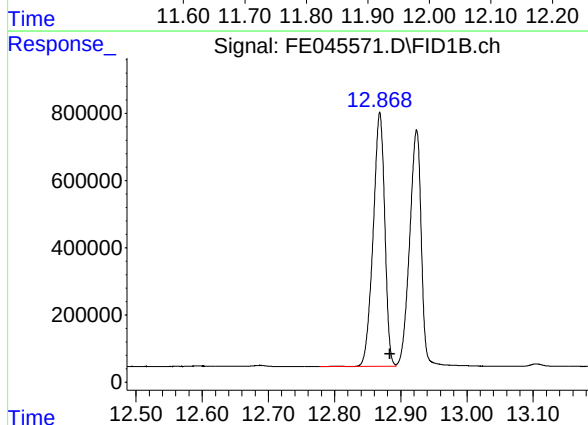
Instrument :

FID_E

ClientSampleId :
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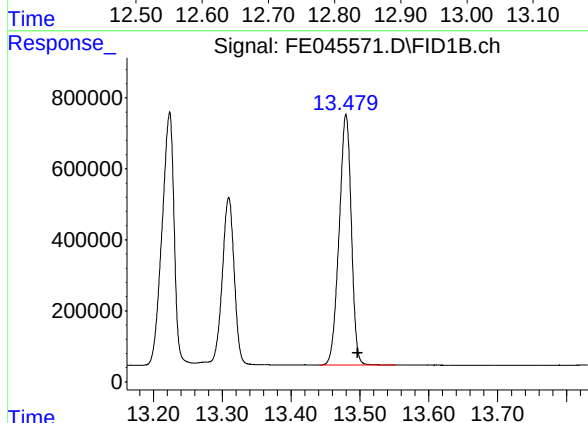
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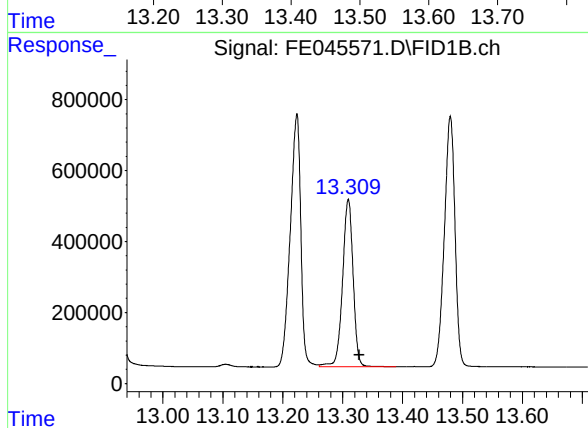
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.015 min
Response: 9209504
Conc: 58.14 ug/ml



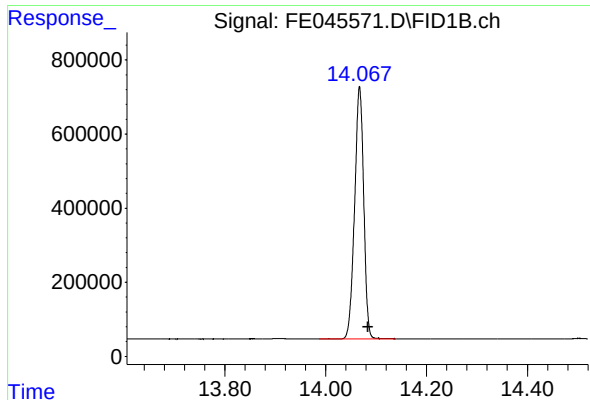
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.017 min
Response: 8687585
Conc: 56.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.018 min
Response: 5799241
Conc: 42.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 8526854
Conc: 56.28 ug/ml

Instrument :

FID_E

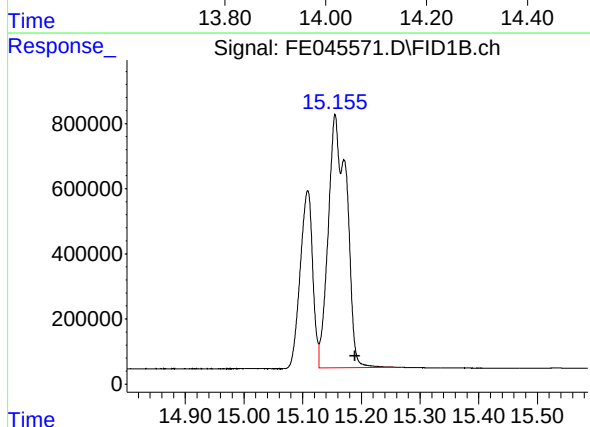
ClientSampleId :

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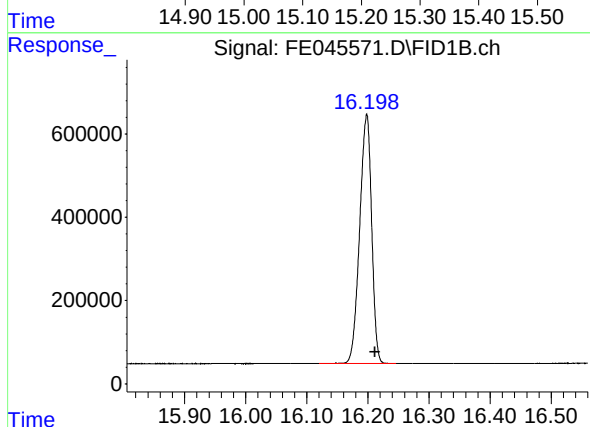
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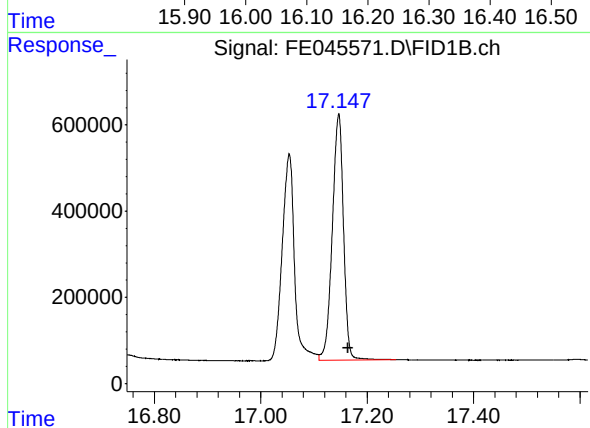
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.035 min
Response: 16917815
Conc: 114.22 ug/ml m



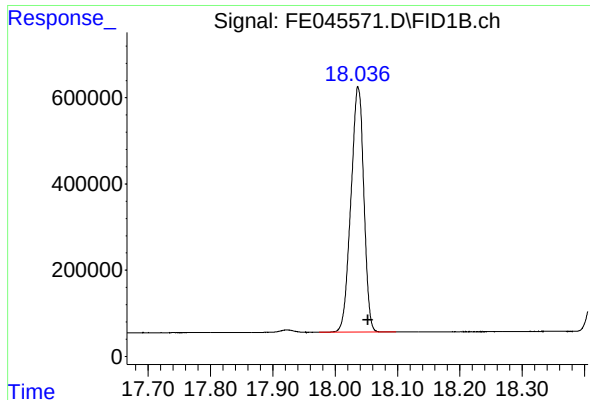
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.014 min
Response: 8136704
Conc: 55.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: -0.017 min
Response: 8369222
Conc: 57.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.016 min
Response: 8193478
Conc: 53.94 ug/ml

Instrument :

FID_E

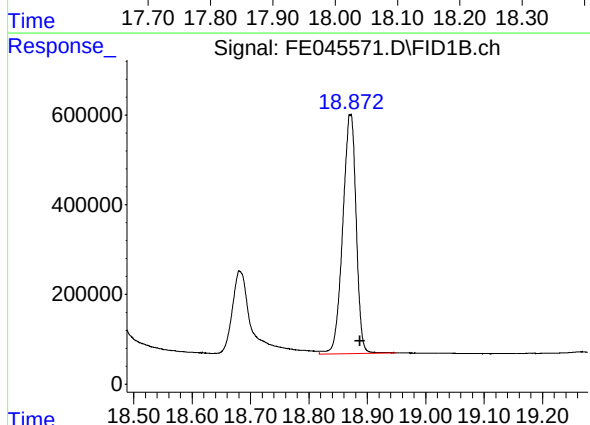
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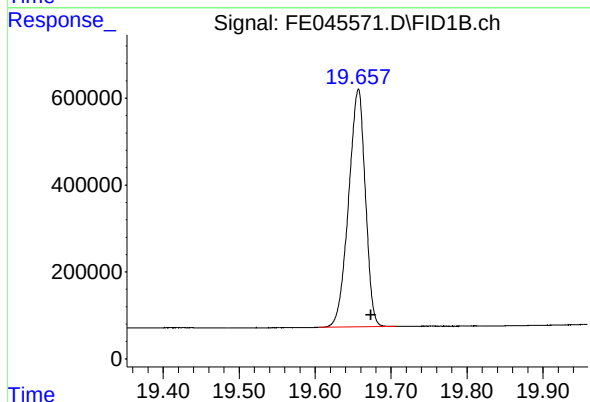
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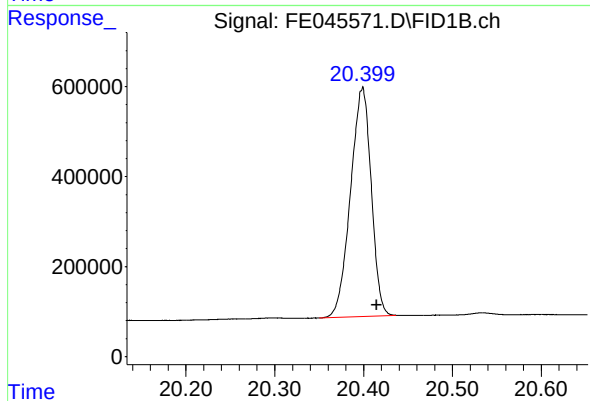
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 8524066
Conc: 54.56 ug/ml



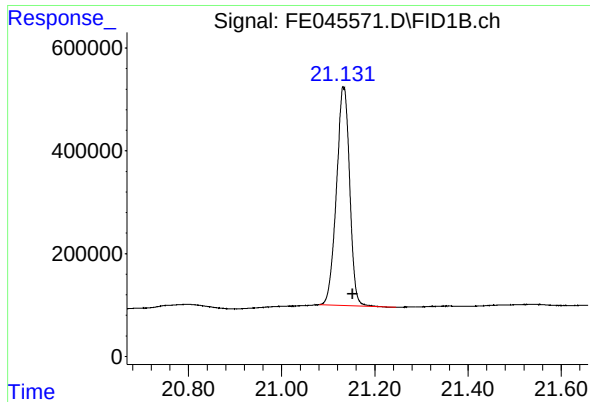
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.017 min
Response: 8378901
Conc: 53.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 8234606
Conc: 50.73 ug/ml m



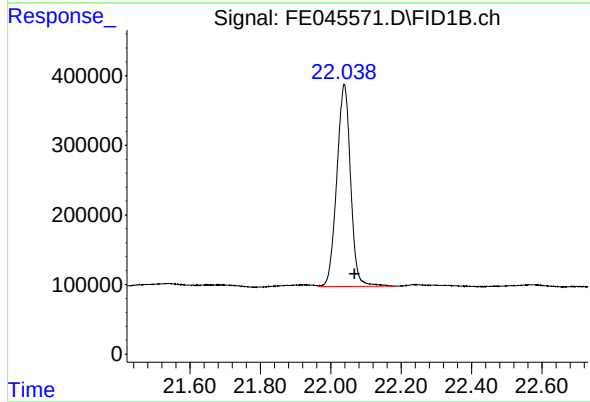
#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.020 min
Response: 8367556
Conc: 50.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.029 min
Response: 7897684
Conc: 46.24 ug/ml