

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036271.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 20:49
 Operator : YP\AJ
 Sample : PB145886BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145886BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:12:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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			
12) S 1-chlorooctadecane (S...	13.316	5803579	37.487 ug/ml
Spiked Amount 50.000		Recovery =	74.97%
Target Compounds			
1) T n-Nonane (C9)	3.266	4679507	26.017 ug/ml
2) T n-Decane (C10)	4.521	5891946	32.777 ug/ml
4) T n-Dodecane (C12)	6.689	6729719	36.333 ug/ml
6) T n-Tetradecane (C14)	8.516	7268075	38.876 ug/ml
7) T n-Hexadecane (C16)	10.123	8282009	44.225 ug/ml
8) T n-Octadecane (C18)	11.565	9005562	48.406 ug/ml
10) T n-Eicosane (C20)	12.873	8680193	47.914 ug/ml
11) T n-Heneicosane (C21)	13.486	8586801	47.803 ug/ml
13) T n-Docosane (C22)	14.071	8438173	47.727 ug/ml
14) T n-Tetracosane (C24)	15.174	8283538	48.364 ug/ml
15) T n-Hexacosane (C26)	16.194	7955480	48.151 ug/ml
16) T n-Octacosane (C28)	17.142	7604570	47.506 ug/ml
17) T n-Tricontane (C30)	18.031	7395781	47.770 ug/mlm
18) T n-Dotriacontane (C32)	18.864	7451355	50.989 ug/mlm
19) T n-Tetratriacontane (C34)	19.646	7069283	51.085 ug/mlm
20) T n-Hexatriacontane (C36)	20.386	7211081	53.715 ug/mlm
21) T n-Octatriacontane (C38)	21.118	6733734	50.633 ug/ml
22) T n-Tetracontane (C40)	22.014	7283359	52.089 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB145886BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

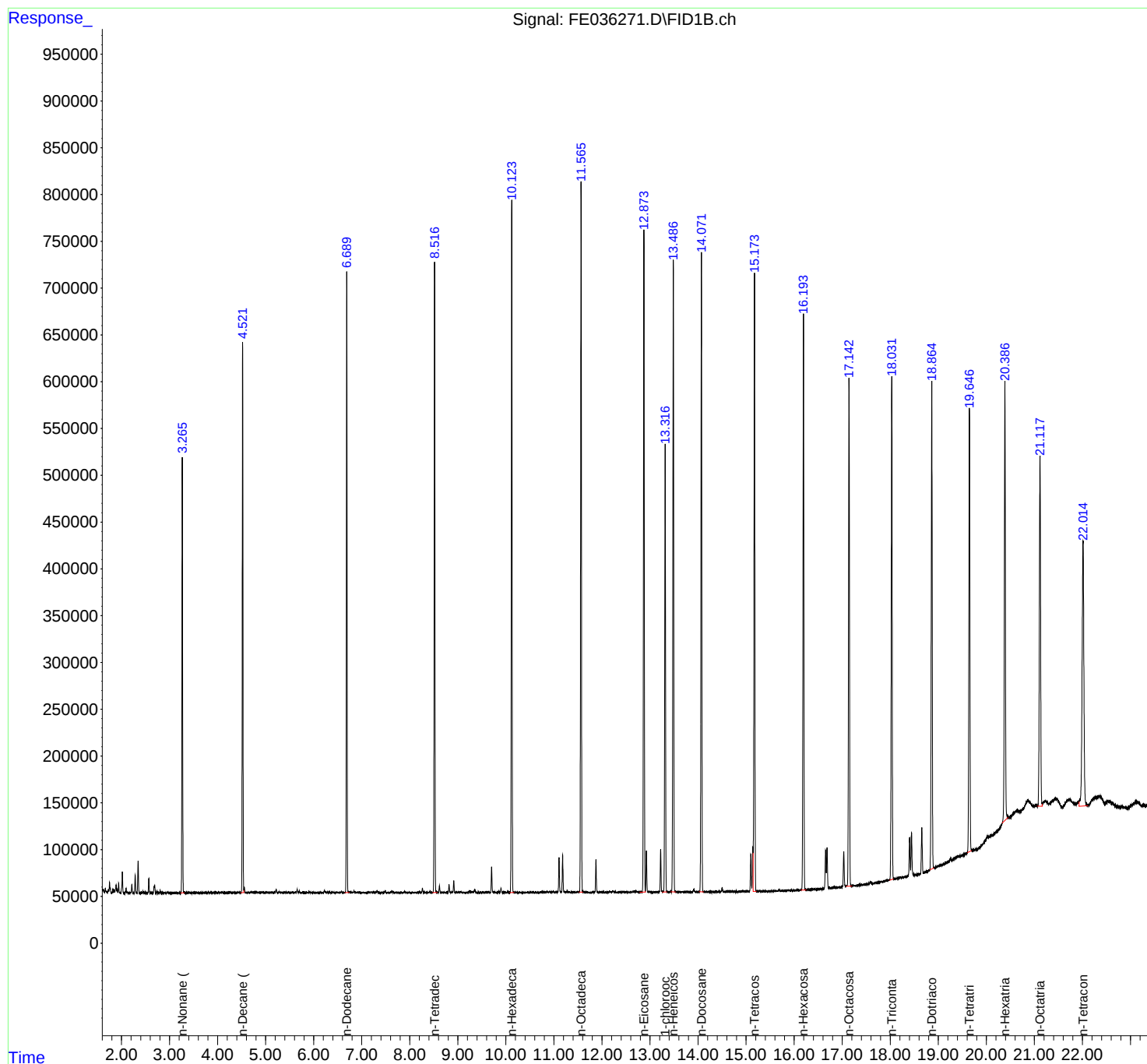
Instrument :
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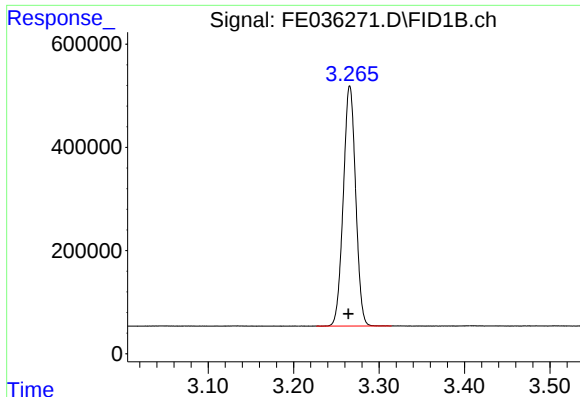
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 4679507
Conc: 26.02 ug/ml

Instrument :

FID_E

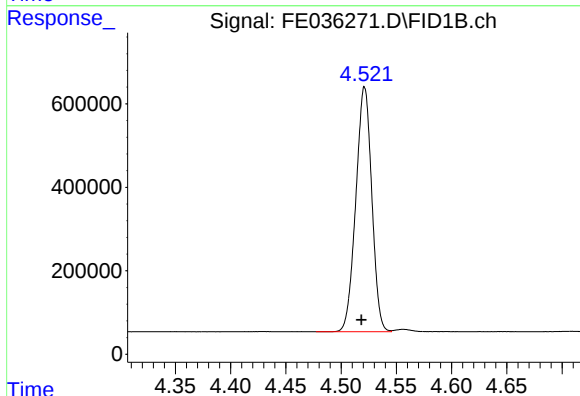
ClientSampleId :

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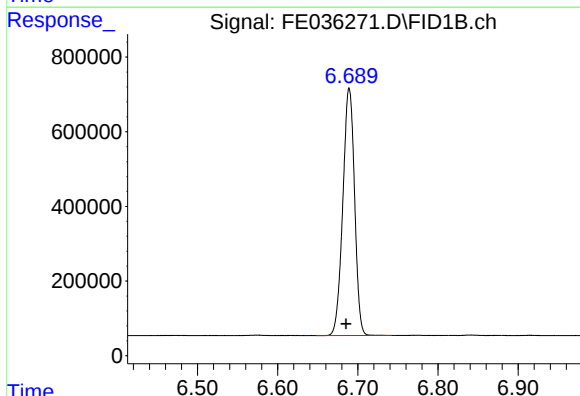
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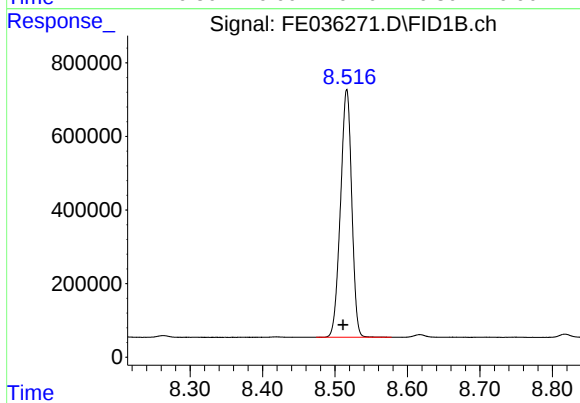
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 5891946
Conc: 32.78 ug/ml



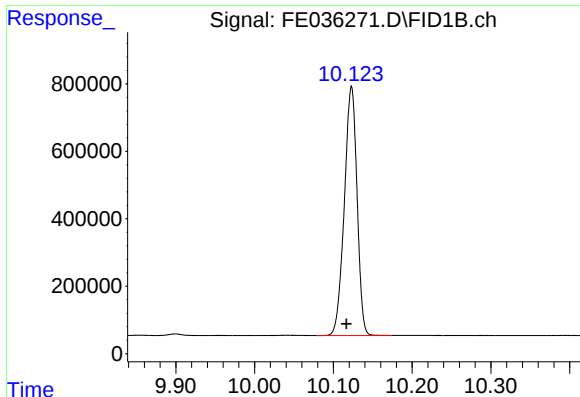
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 6729719
Conc: 36.33 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 7268075
Conc: 38.88 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: 0.007 min
Response: 8282009
Conc: 44.22 ug/ml

Instrument :

FID_E

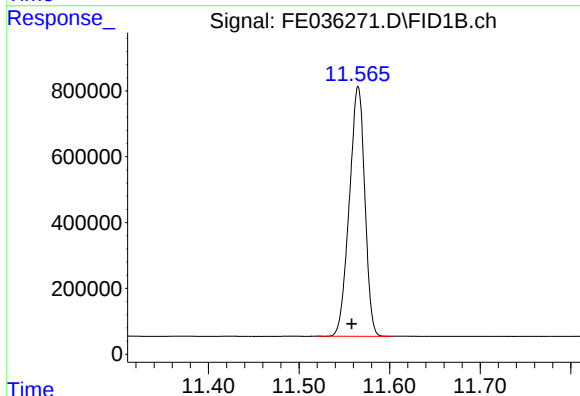
ClientSampleId :

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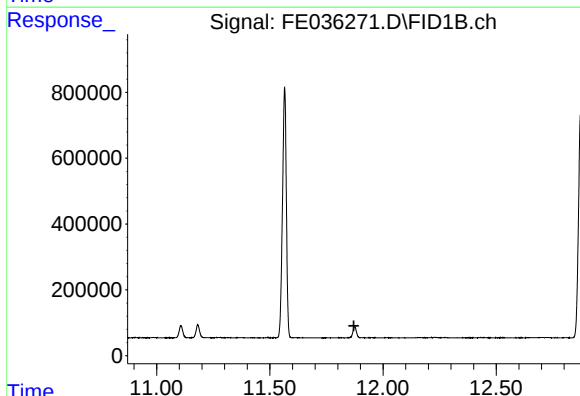
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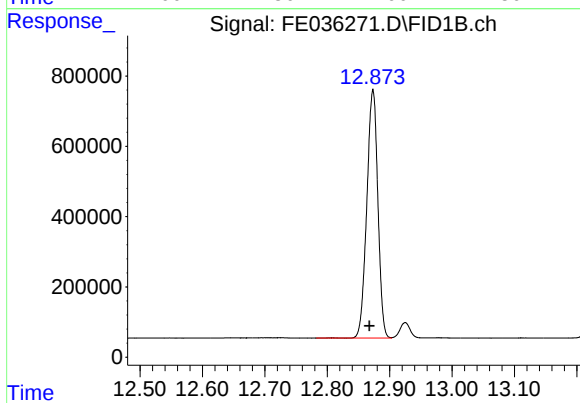
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.007 min
Response: 9005562
Conc: 48.41 ug/ml



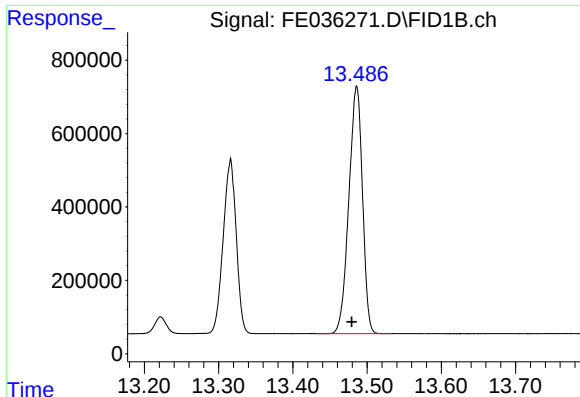
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.006 min
Response: 8680193
Conc: 47.91 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.007 min
Response: 8586801
Conc: 47.80 ug/ml

Instrument :

FID_E

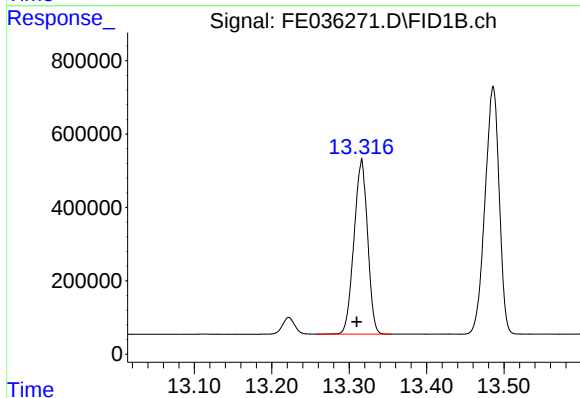
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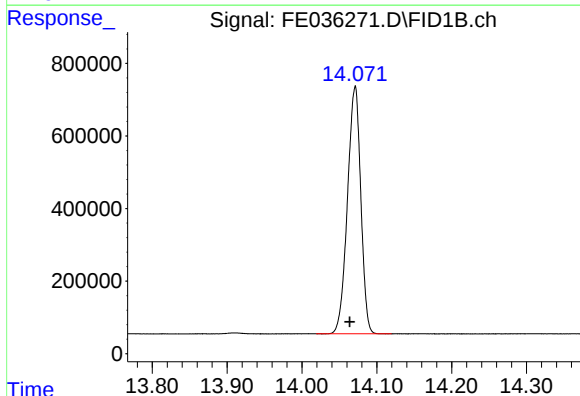
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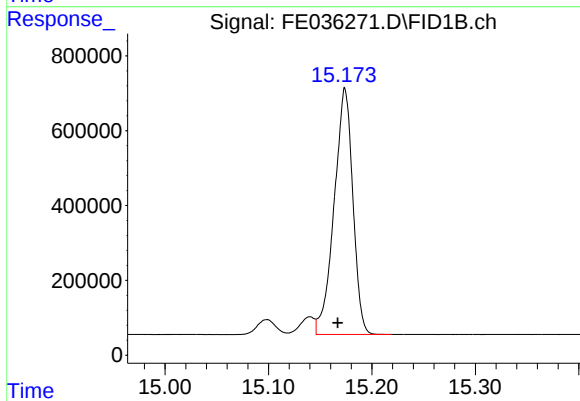
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: 0.006 min
Response: 5803579
Conc: 37.49 ug/ml



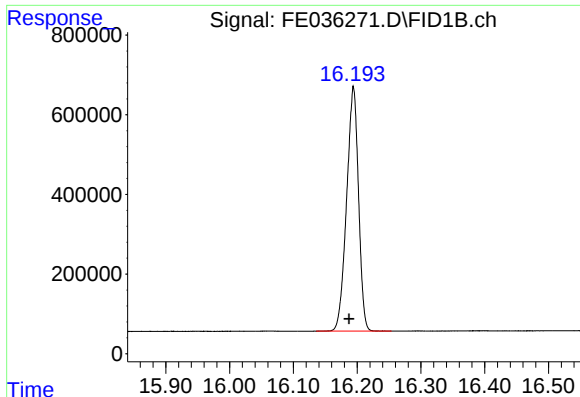
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.007 min
Response: 8438173
Conc: 47.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.007 min
Response: 8283538
Conc: 48.36 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: 0.007 min
Response: 7955480
Conc: 48.15 ug/ml

Instrument :

FID_E

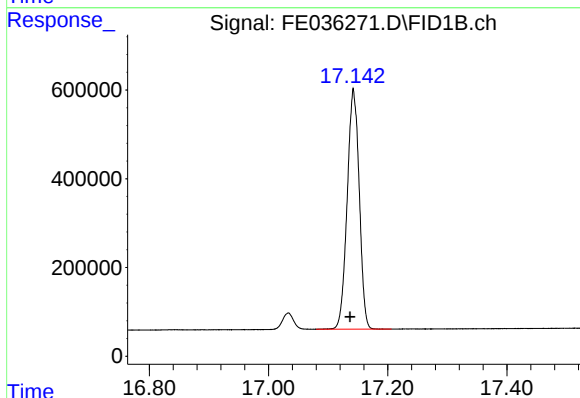
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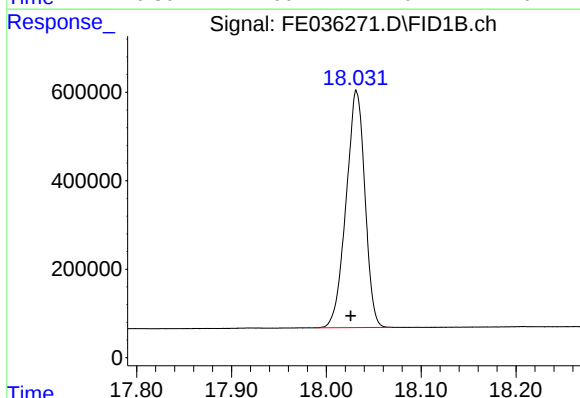
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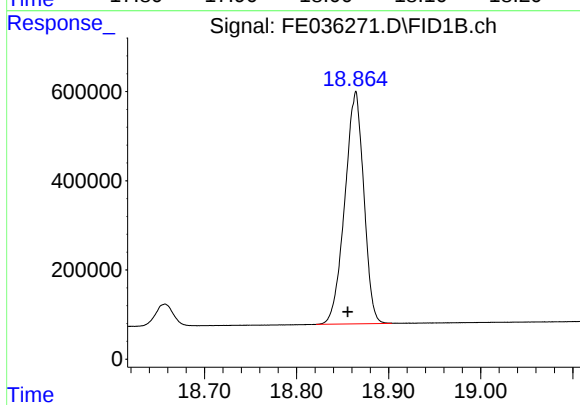
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.006 min
Response: 7604570
Conc: 47.51 ug/ml



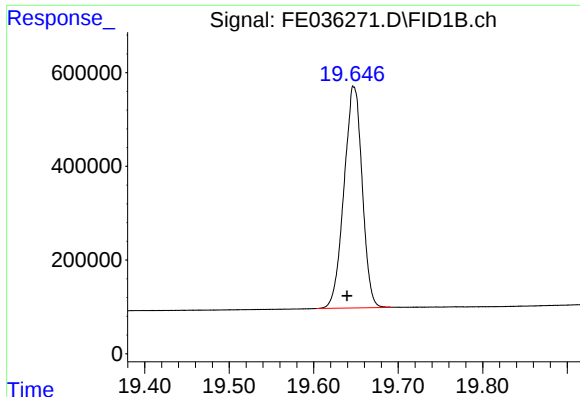
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.005 min
Response: 7395781
Conc: 47.77 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.009 min
Response: 7451355
Conc: 50.99 ug/ml m



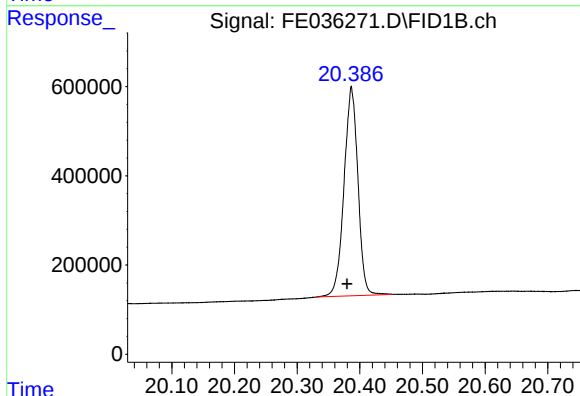
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.006 min
Response: 7069283
Conc: 51.09 ug/ml

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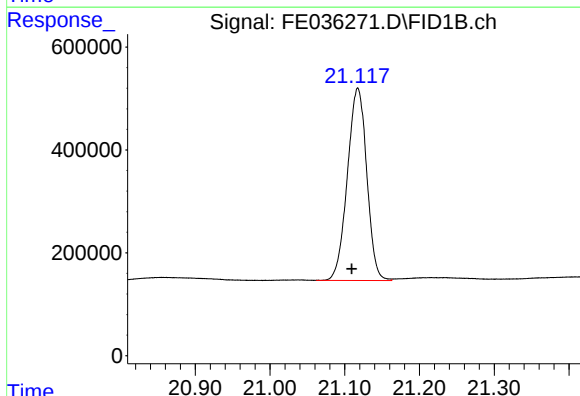
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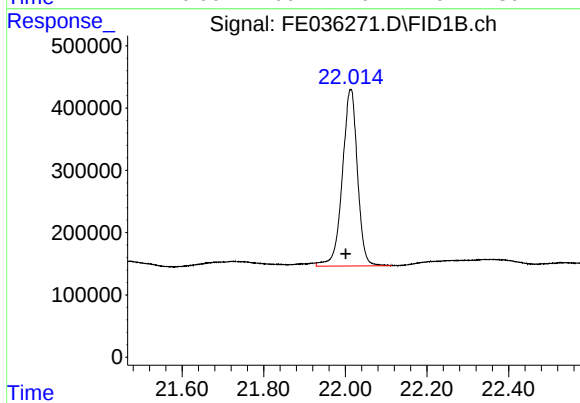
#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.006 min
Response: 7211081
Conc: 53.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.008 min
Response: 6733734
Conc: 50.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.012 min
Response: 7283359
Conc: 52.09 ug/ml m