

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FE051814.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 17:53
 Operator : YP\AJ
 Sample : P5391-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

NB-07-12272024MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/31/2024

Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e

Quant Time: Dec 31 02:17:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M

Quant Title : GC Extractables

QLast Update : Mon Dec 30 09:52:06 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)	12.052	4293976	28.350 ug/ml
Spiked Amount 50.000		Recovery =	56.70%
12) S 1-chlorooctadecane (S...	13.475	3496034	30.052 ug/ml
Spiked Amount 50.000		Recovery =	60.10%
Target Compounds			
1) T n-Nonane (C9)	3.502	3187629	27.483 ug/ml
2) T n-Decane (C10)	4.737	3658849	30.407 ug/ml
3) T A~Naphthalene (C11.7)	6.431	4676280	33.643 ug/ml
4) T n-Dodecane (C12)	6.879	4200380	33.432 ug/ml
5) T A~2-methylnaphthalene...	7.517	4598554	33.595 ug/ml
6) T n-Tetradecane (C14)	8.696	4679635	36.391 ug/ml
7) T n-Hexadecane (C16)	10.293	4976179	36.567 ug/ml
8) T n-Octadecane (C18)	11.728	5128967	36.630 ug/ml
10) T n-Eicosane (C20)	13.032	5298867	39.151 ug/ml
11) T n-Heneicosane (C21)	13.640	5082688	38.156 ug/ml
13) T n-Docosane (C22)	14.223	5031692	38.118 ug/ml
14) T n-Tetracosane (C24)	15.319	9906222	76.344 ug/ml
15) T n-Hexacosane (C26)	16.338	4752981	37.845 ug/ml
16) T n-Octacosane (C28)	17.282	4617780	38.251 ug/ml
17) T n-Tricontane (C30)	18.167	4638703	38.544 ug/ml
18) T n-Dotriacontane (C32)	18.994	4538766	39.658 ug/ml
19) T n-Tetratriacontane (C34)	19.776	4490706	44.525 ug/mlm
20) T n-Hexatriacontane (C36)	20.512	4306630	48.318 ug/ml
21) T n-Octatriacontane (C38)	21.266	4255681	49.566 ug/ml
22) T n-Tetracontane (C40)	22.221	4255712	48.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

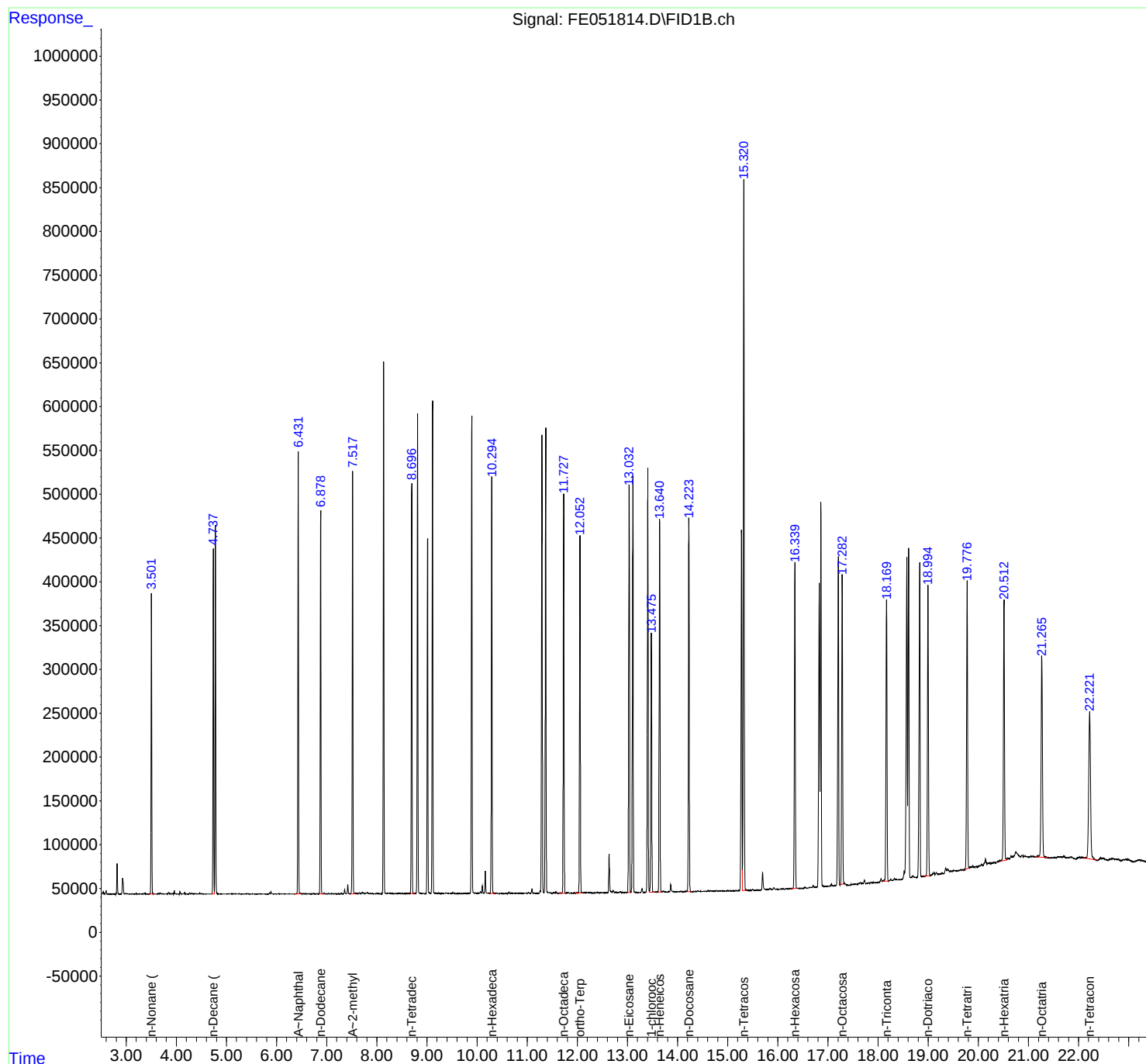
Instrument :
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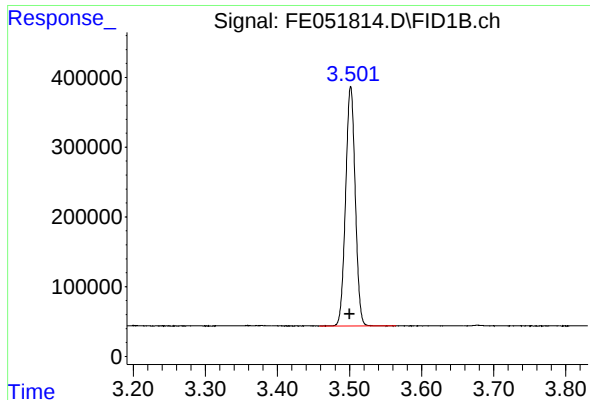
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.502 min
Delta R.T.: 0.002 min
Response: 3187629
Conc: 27.48 ug/ml

Instrument :

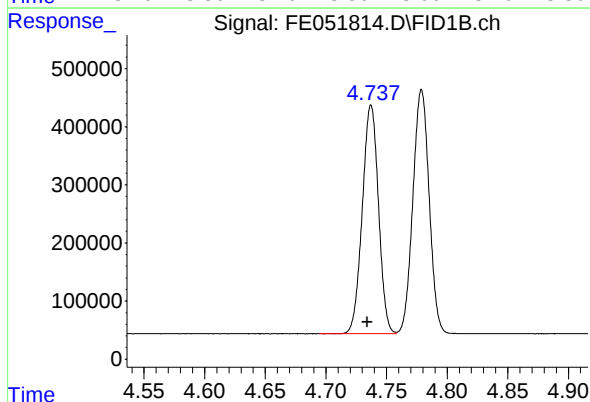
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ClientSampleId :

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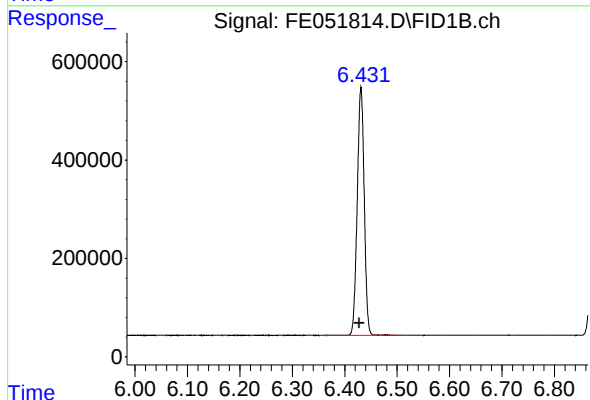
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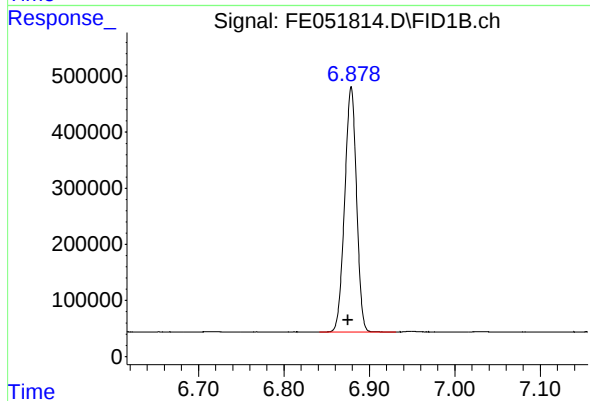
#2 n-Decane (C10)

R.T.: 4.737 min
Delta R.T.: 0.003 min
Response: 3658849
Conc: 30.41 ug/ml



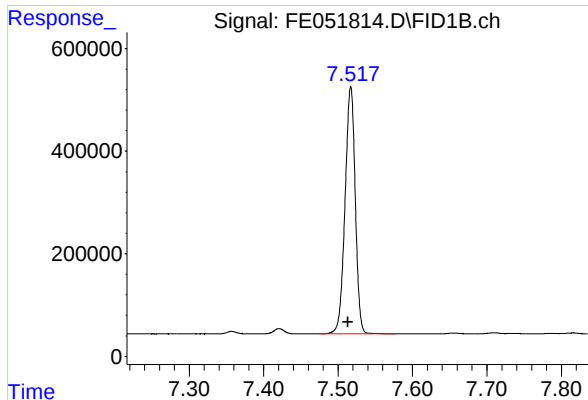
#3 A~Naphthalene (C11.7)

R.T.: 6.431 min
Delta R.T.: 0.003 min
Response: 4676280
Conc: 33.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 4200380
Conc: 33.43 ug/ml



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

R.T.: 7.517 min
Delta R.T.: 0.004 min
Response: 4598554
Conc: 33.59 ug/ml

Instrument :

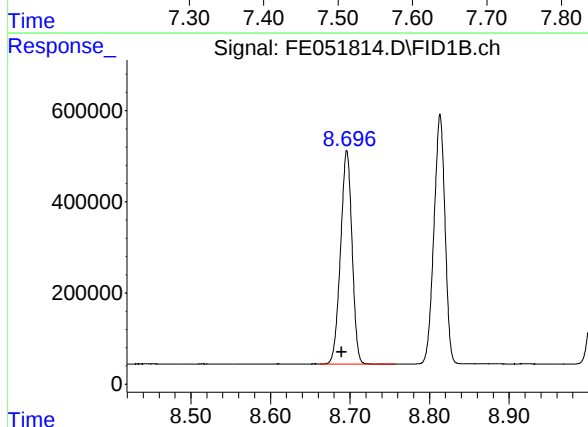
FID_E

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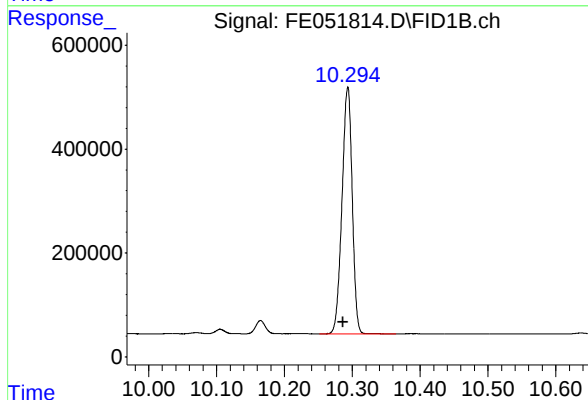
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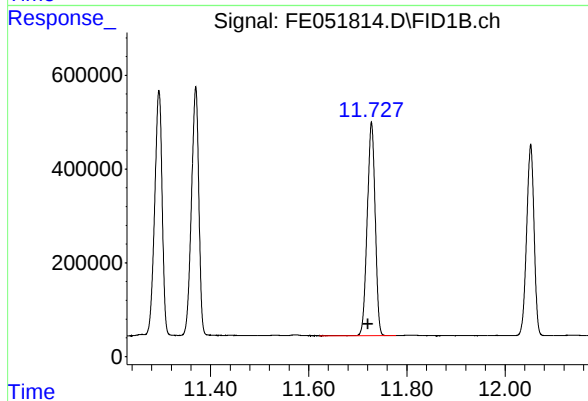
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.006 min
Response: 4679635
Conc: 36.39 ug/ml



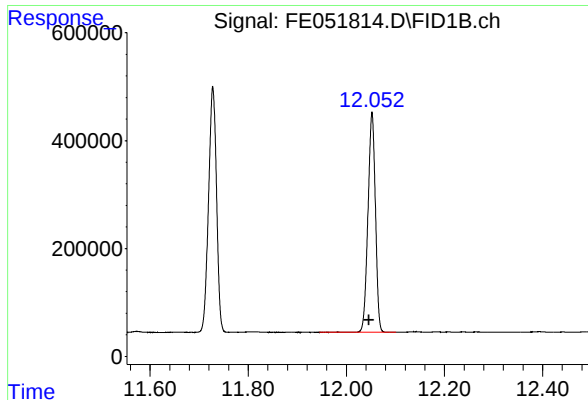
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: 0.007 min
Response: 4976179
Conc: 36.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.728 min
Delta R.T.: 0.007 min
Response: 5128967
Conc: 36.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.052 min
 Delta R.T.: 0.006 min
 Response: 4293976
 Conc: 28.35 ug/ml

Instrument :

FID_E

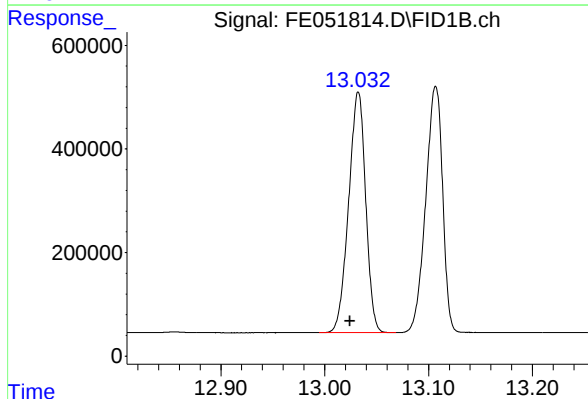
ClientSampleId :

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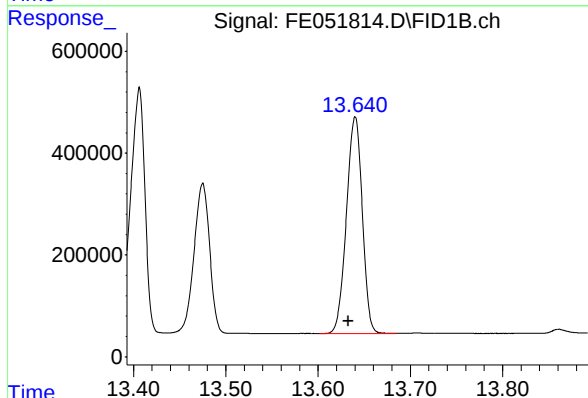
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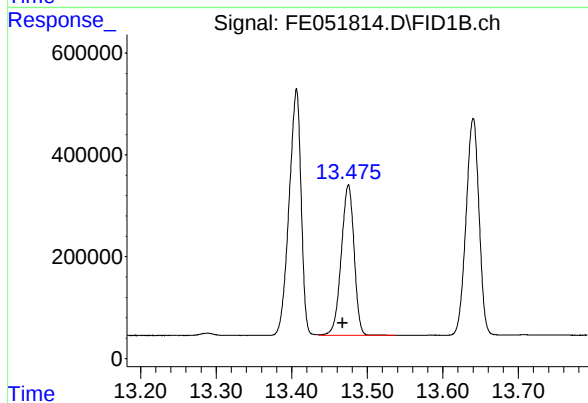
#10 n-Eicosane (C20)

R.T.: 13.032 min
 Delta R.T.: 0.008 min
 Response: 5298867
 Conc: 39.15 ug/ml



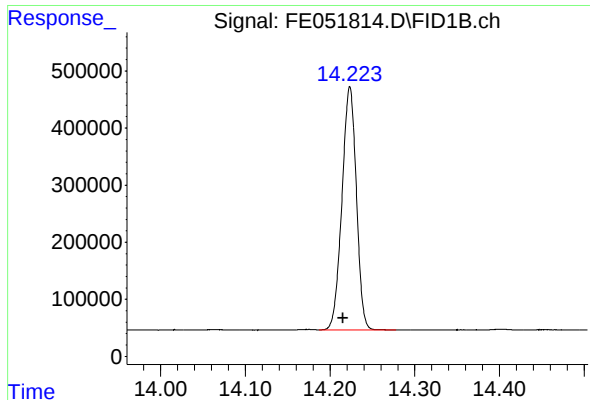
#11 n-Heneicosane (C21)

R.T.: 13.640 min
 Delta R.T.: 0.008 min
 Response: 5082688
 Conc: 38.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.475 min
 Delta R.T.: 0.007 min
 Response: 3496034
 Conc: 30.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.223 min
Delta R.T.: 0.008 min
Response: 5031692
Conc: 38.12 ug/ml

Instrument :

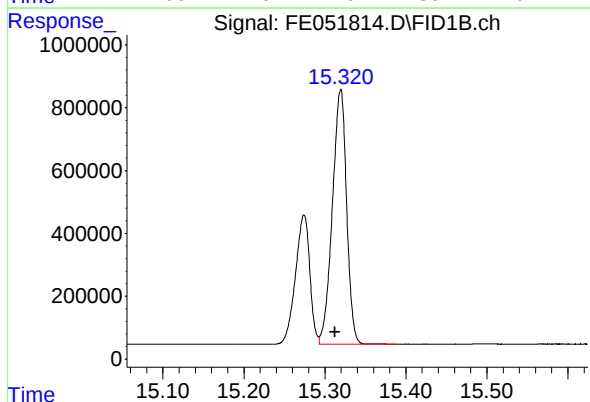
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ClientSampleId :

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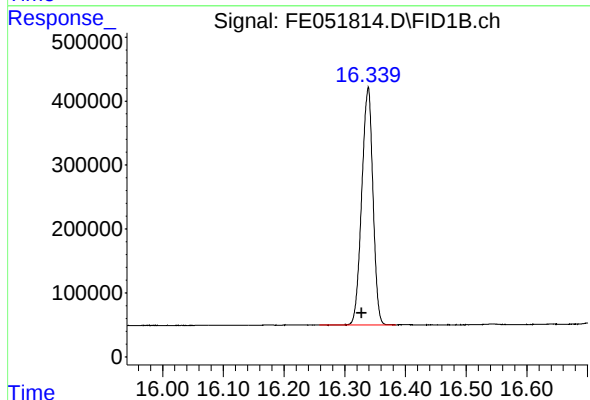
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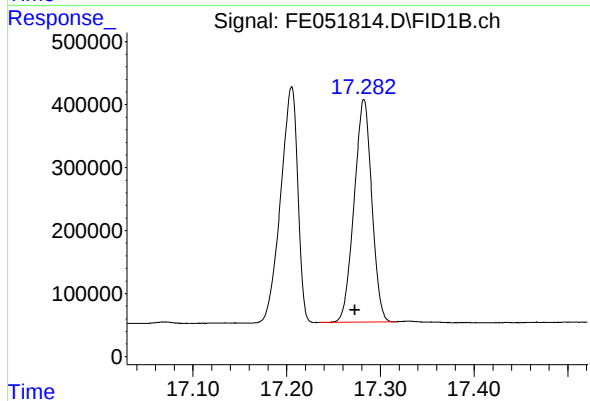
#14 n-Tetracosane (C24)

R.T.: 15.319 min
Delta R.T.: 0.007 min
Response: 9906222
Conc: 76.34 ug/ml



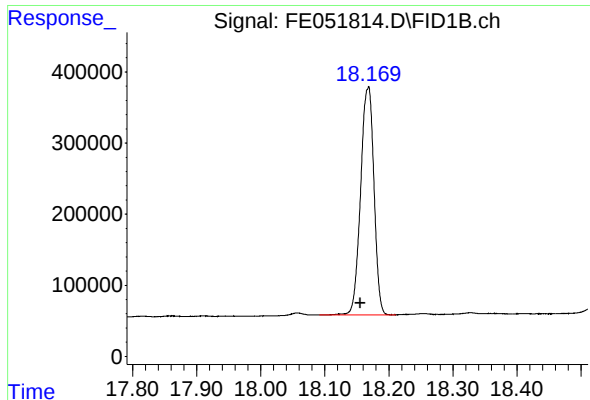
#15 n-Hexacosane (C26)

R.T.: 16.338 min
Delta R.T.: 0.011 min
Response: 4752981
Conc: 37.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.282 min
Delta R.T.: 0.009 min
Response: 4617780
Conc: 38.25 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.167 min
Delta R.T.: 0.012 min
Response: 4638703
Conc: 38.54 ug/ml

Instrument :

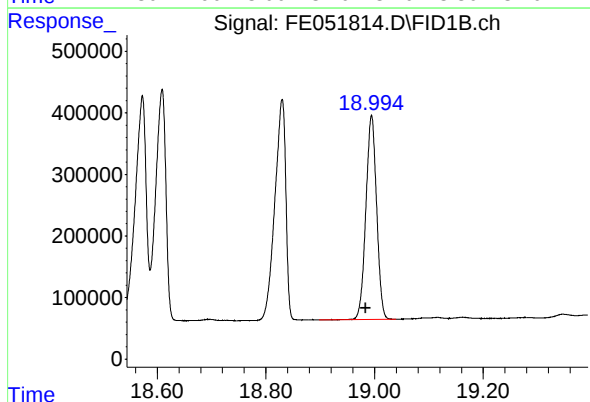
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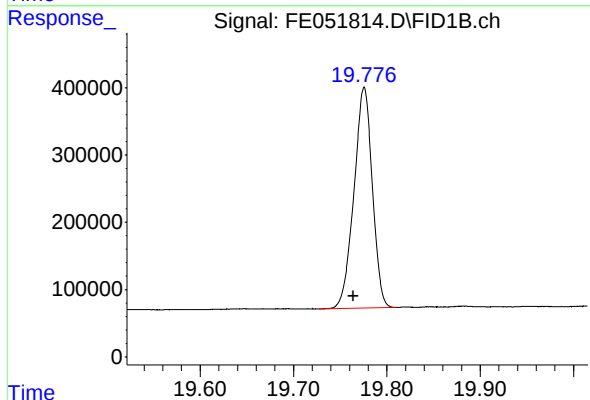
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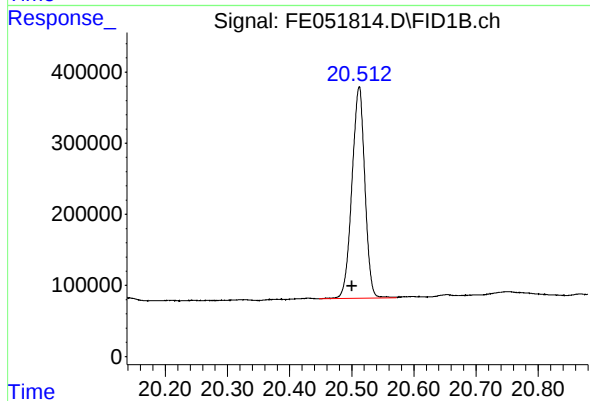
#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.010 min
Response: 4538766
Conc: 39.66 ug/ml



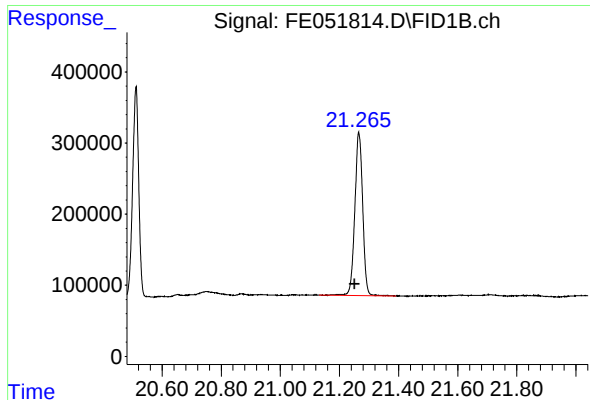
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.012 min
Response: 4490706
Conc: 44.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.512 min
Delta R.T.: 0.011 min
Response: 4306630
Conc: 48.32 ug/ml



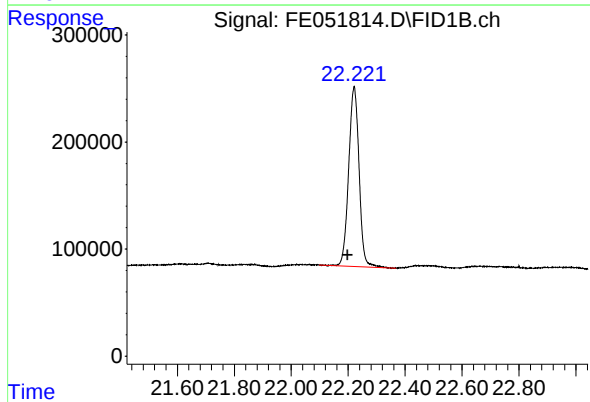
#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: 0.015 min
Response: 4255681
Conc: 49.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.221 min
Delta R.T.: 0.023 min
Response: 4255712
Conc: 48.25 ug/ml