

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051387.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 14:18
 Operator : YP\AJ
 Sample : PB165156BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165156BSD

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 03:47:56 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	6910169	46.038 ug/ml
Spiked Amount 50.000		Recovery =	92.08%
12) S 1-chlorooctadecane (S...	13.276	6070554	53.470 ug/ml
Spiked Amount 50.000		Recovery =	106.94%
Target Compounds			
1) T n-Nonane (C9)	3.239	4993348	36.087 ug/ml
2) T n-Decane (C10)	4.484	5504894	39.271 ug/ml
3) T A~Naphthalene (C11.7)	6.194	5917130	44.878 ug/ml
4) T n-Dodecane (C12)	6.648	6213857	44.008 ug/ml
5) T A~2-methylnaphthalene...	7.289	5948939	47.556 ug/mlm
6) T n-Tetradecane (C14)	8.476	6461163	46.362 ug/ml
7) T n-Hexadecane (C16)	10.080	6402346	45.116 ug/ml
8) T n-Octadecane (C18)	11.521	6496901	45.495 ug/ml
10) T n-Eicosane (C20)	12.830	6600783	48.232 ug/ml
11) T n-Heneicosane (C21)	13.441	6333724	47.392 ug/ml
13) T n-Docosane (C22)	14.026	6296065	47.357 ug/ml
14) T n-Tetracosane (C24)	15.129	11904105	89.735 ug/ml
15) T n-Hexacosane (C26)	16.147	6100613	45.571 ug/ml
16) T n-Octacosane (C28)	17.095	7046628	51.688 ug/ml
17) T n-Tricontane (C30)	17.983	5961865	41.035 ug/ml
18) T n-Dotriacontane (C32)	18.816	5878560	39.591 ug/mlm
19) T n-Tetratriacontane (C34)	19.596	5633358	41.926 ug/ml
20) T n-Hexatriacontane (C36)	20.337	5375073	45.048 ug/ml
21) T n-Octatriacontane (C38)	21.059	5159129	45.329 ug/ml
22) T n-Tetracontane (C40)	21.938	5100587	45.860 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

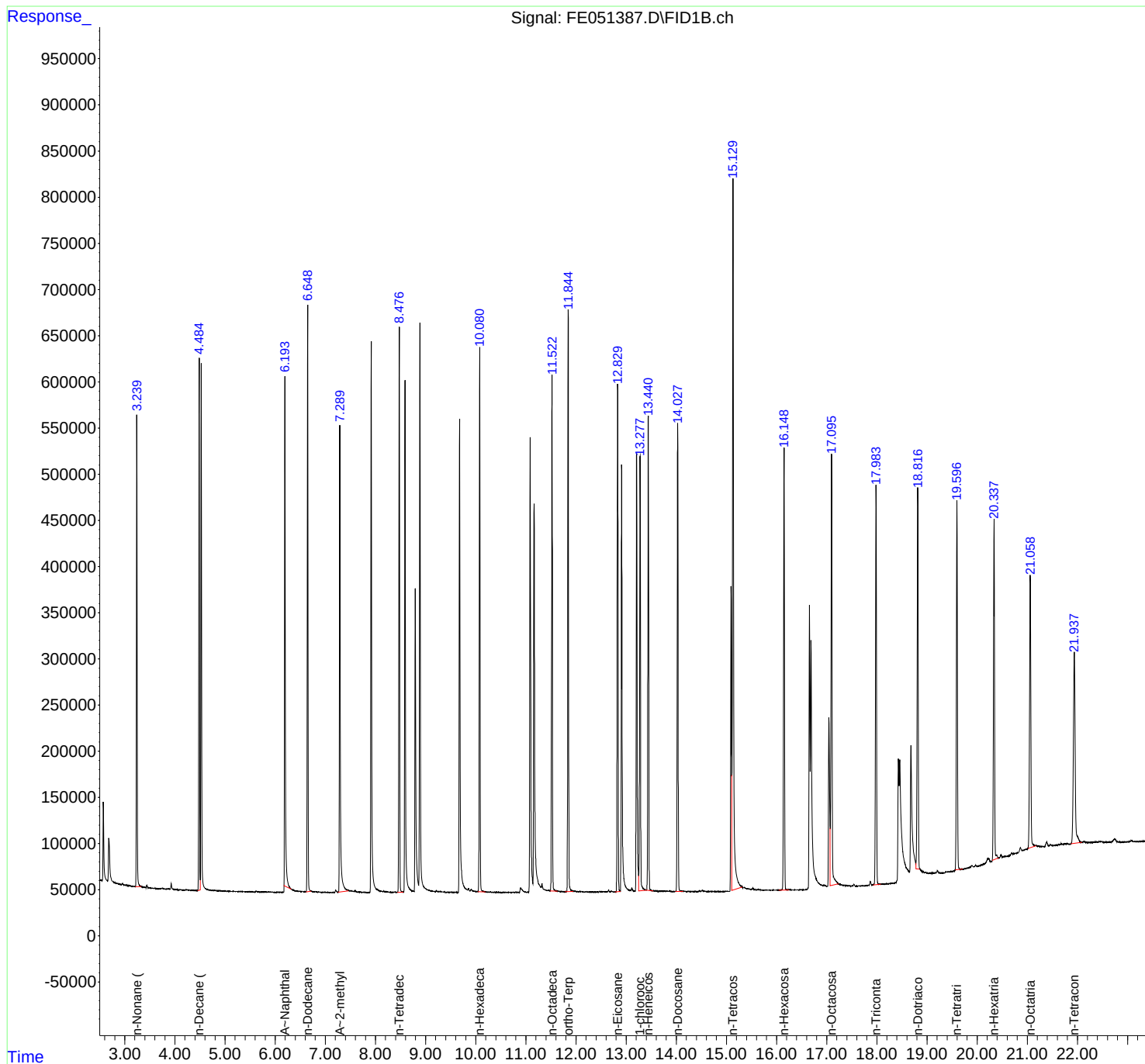
Instrument :
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PB165156BSD

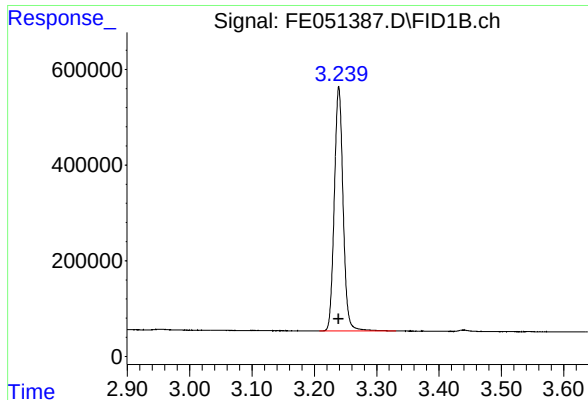
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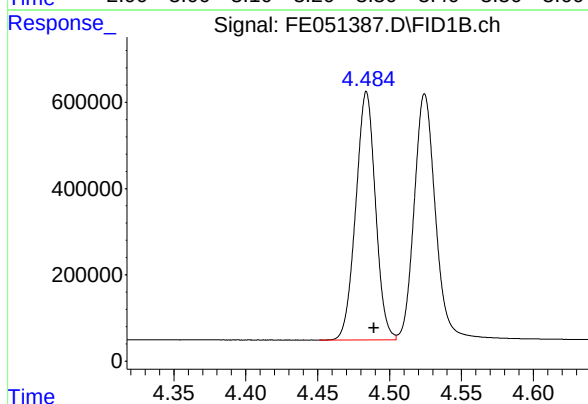
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 4993348
Conc: 36.09 ug/ml

Instrument :
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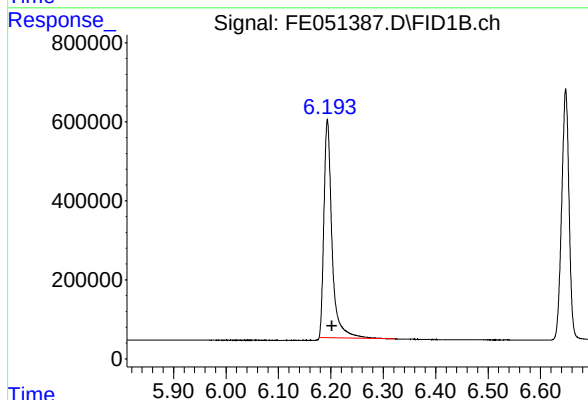
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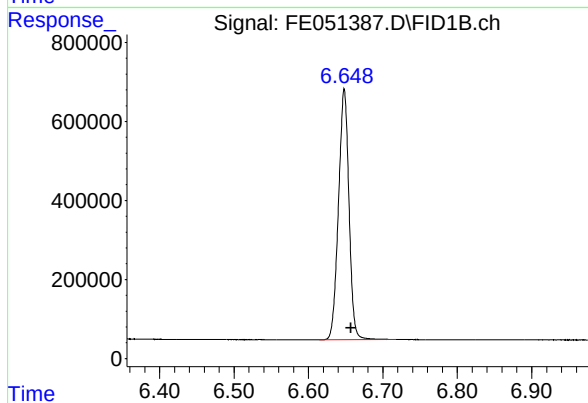
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 5504894
Conc: 39.27 ug/ml



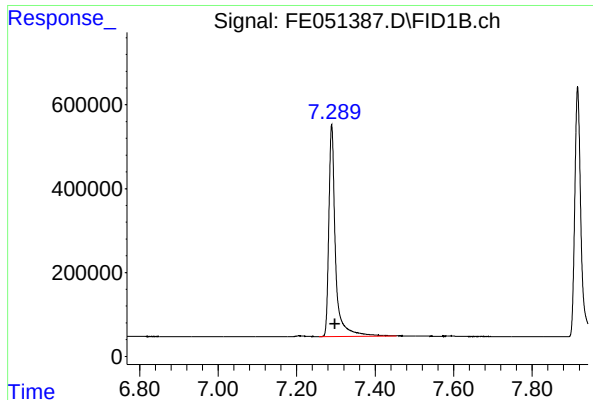
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.008 min
Response: 5917130
Conc: 44.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.009 min
Response: 6213857
Conc: 44.01 ug/ml



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

R.T.: 7.289 min
Delta R.T.: -0.009 min
Response: 5948939
Conc: 47.56 ug/ml

Instrument :

FID_E

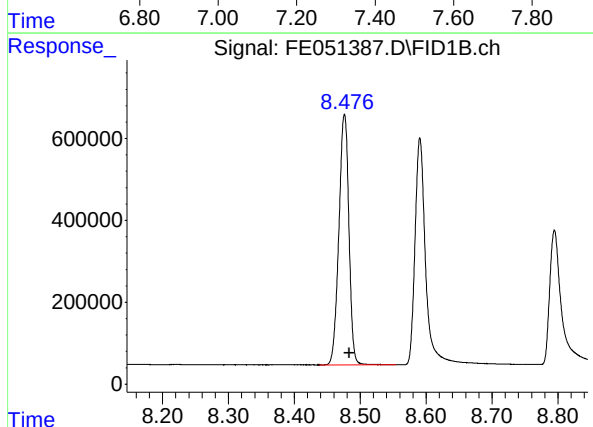
ClientSampleId :

PB165156BSD

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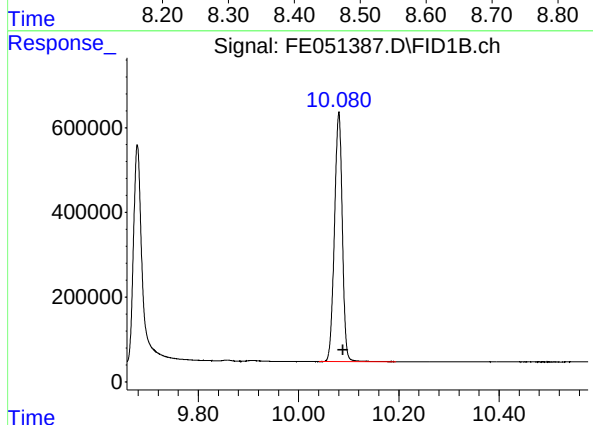
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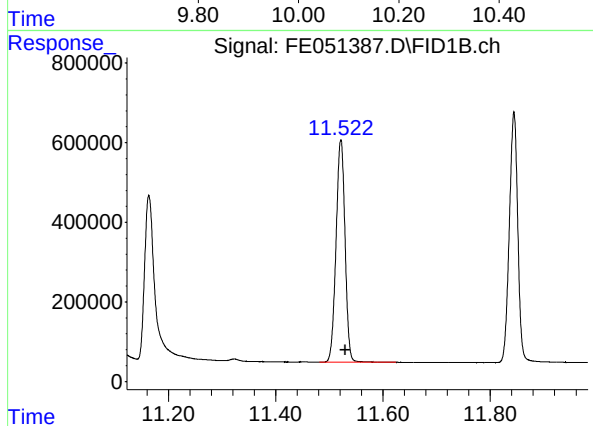
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 6461163
Conc: 46.36 ug/ml



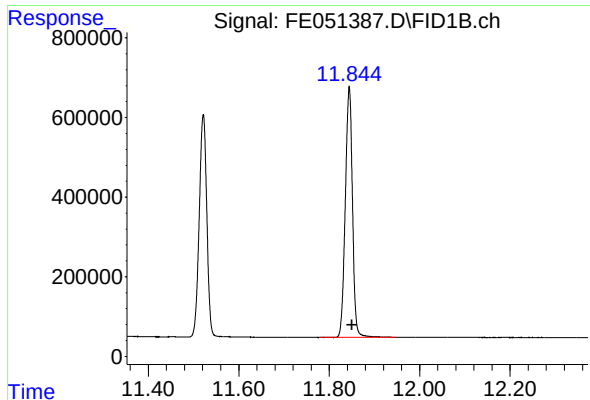
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.009 min
Response: 6402346
Conc: 45.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.008 min
Response: 6496901
Conc: 45.49 ug/ml



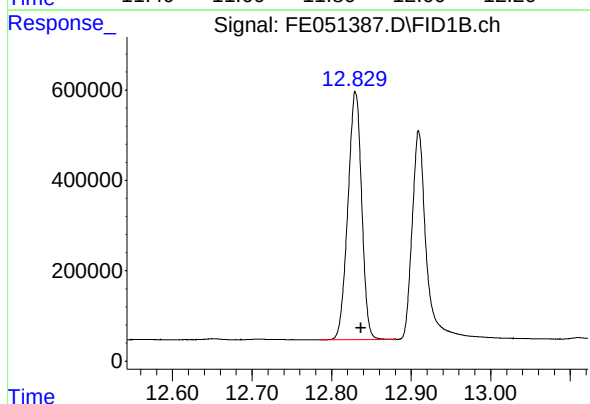
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.007 min
Response: 6910169
Conc: 46.04 ug/ml

Instrument :
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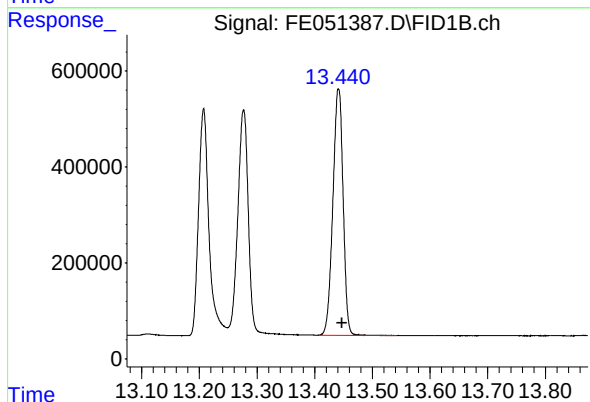
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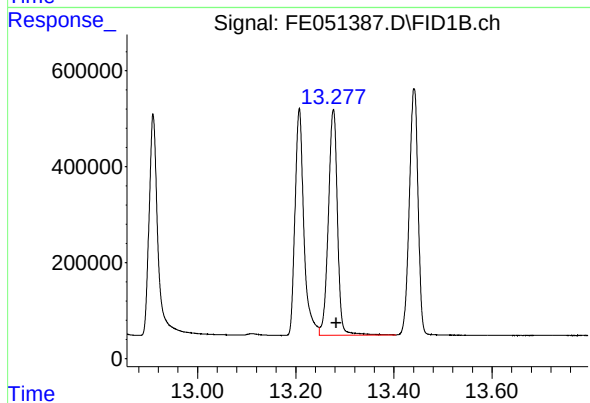
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.007 min
Response: 6600783
Conc: 48.23 ug/ml



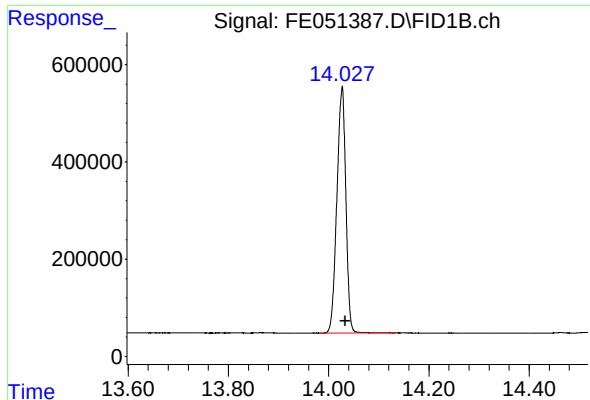
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.007 min
Response: 6333724
Conc: 47.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.007 min
Response: 6070554
Conc: 53.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.007 min
Response: 6296065
Conc: 47.36 ug/ml

Instrument :

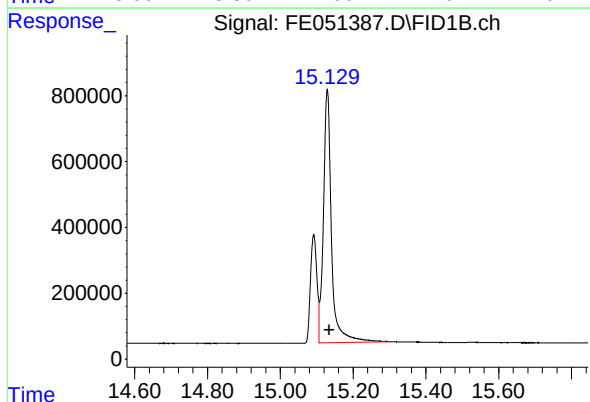
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ClientSampleId :

PB165156BSD

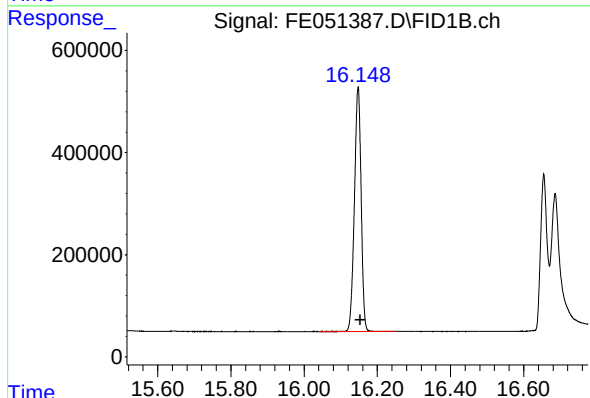
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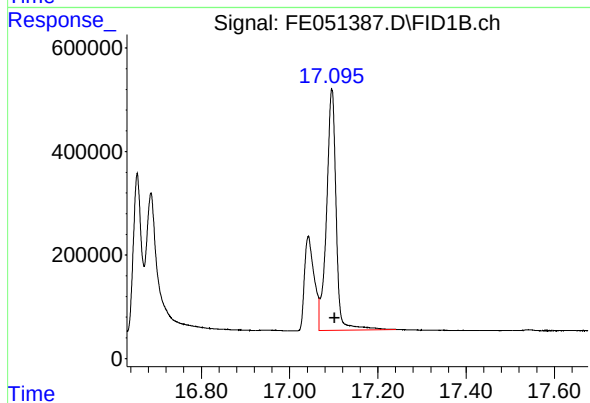
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.005 min
Response: 11904105
Conc: 89.74 ug/ml



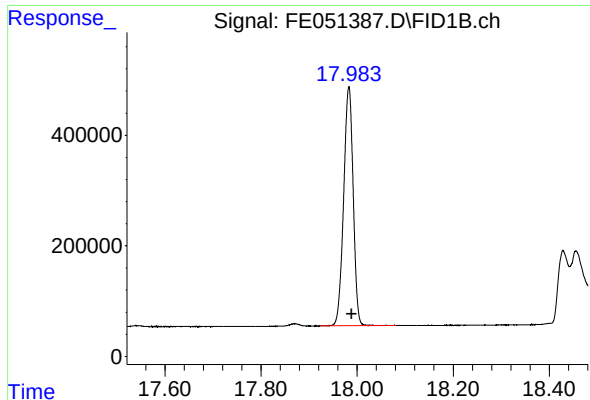
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.006 min
Response: 6100613
Conc: 45.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.007 min
Response: 7046628
Conc: 51.69 ug/ml



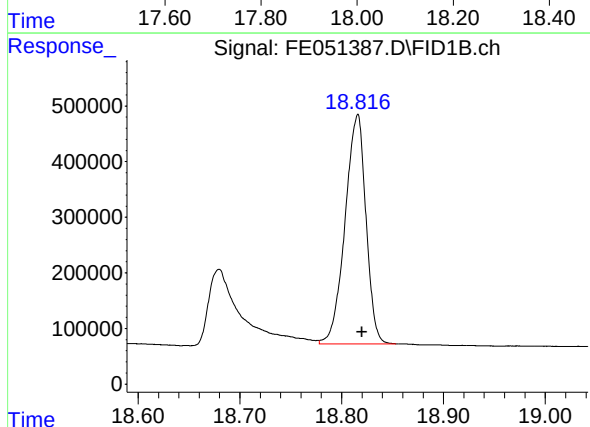
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.007 min
Response: 5961865
Conc: 41.03 ug/ml

Instrument :
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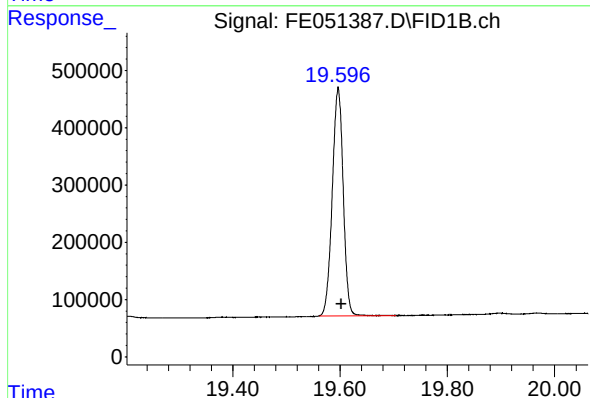
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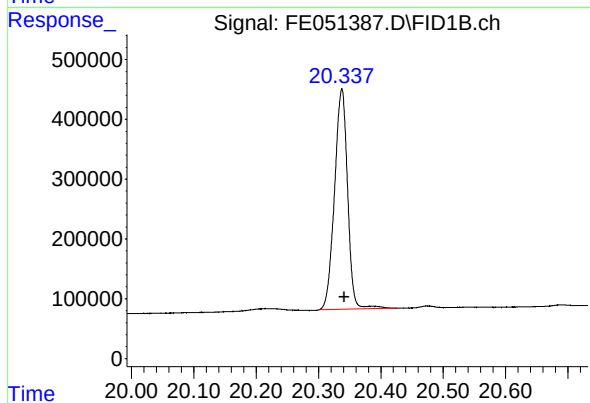
#18 n-Dotriacontane (C32)

R.T.: 18.816 min
Delta R.T.: -0.004 min
Response: 5878560
Conc: 39.59 ug/ml



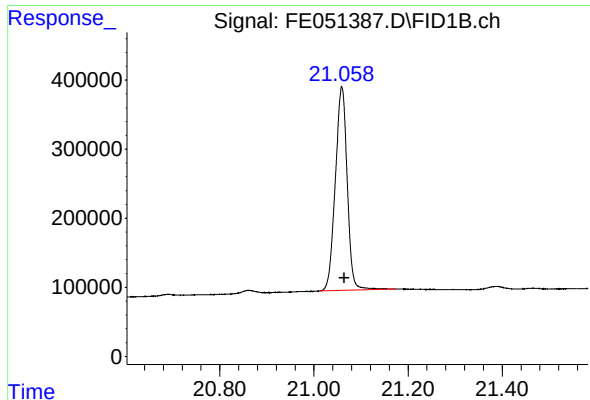
#19 n-Tetratriacontane (C34)

R.T.: 19.596 min
Delta R.T.: -0.006 min
Response: 5633358
Conc: 41.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.005 min
Response: 5375073
Conc: 45.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.006 min
Response: 5159129
Conc: 45.33 ug/ml

Instrument :

FID_E

ClientSampleId :

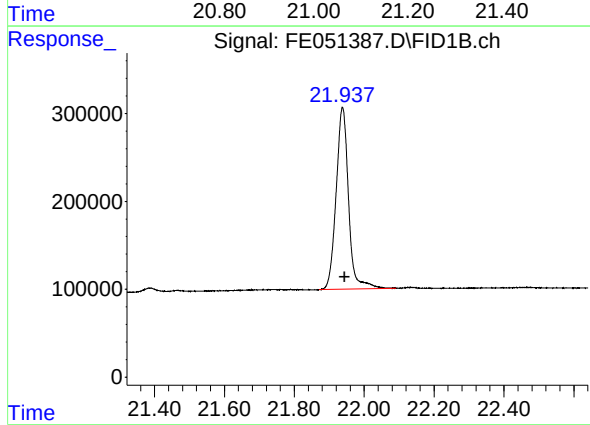
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#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.007 min
Response: 5100587
Conc: 45.86 ug/ml