

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049849.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 15:47
 Operator : YP\AJ
 Sample : PB163078BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163078BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/04/2024

Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e

Quant Time: Aug 31 04:14:29 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.882	6654498	41.151 ug/ml
Spiked Amount 50.000		Recovery =	82.30%
12) S 1-chlorooctadecane (S...	13.314	5198448	42.608 ug/ml
Spiked Amount 50.000		Recovery =	85.22%
Target Compounds			
1) T n-Nonane (C9)	3.280	6660993	43.042 ug/ml
2) T n-Decane (C10)	4.526	6982646	44.225 ug/ml
3) T A~Naphthalene (C11.7)	6.229	7204898	44.903 ug/ml
4) T n-Dodecane (C12)	6.689	7196439	45.776 ug/ml
5) T A~2-methylnaphthalene...	7.324	6905950	46.115 ug/ml
6) T n-Tetradecane (C14)	8.517	7196670	46.617 ug/ml
7) T n-Hexadecane (C16)	10.121	7058058	45.192 ug/ml
8) T n-Octadecane (C18)	11.563	7146530	45.504 ug/ml
10) T n-Eicosane (C20)	12.870	7133010	47.774 ug/ml
11) T n-Heneicosane (C21)	13.481	6937355	47.290 ug/ml
13) T n-Docosane (C22)	14.067	6819814	46.791 ug/ml
14) T n-Tetracosane (C24)	15.163	12910067	88.750 ug/ml
15) T n-Hexacosane (C26)	16.188	6700282	46.425 ug/ml
16) T n-Octacosane (C28)	17.136	7378775	51.228 ug/ml
17) T n-Tricontane (C30)	18.023	6906727	46.136 ug/ml
18) T n-Dotriacontane (C32)	18.854	6832961	45.167 ug/ml
19) T n-Tetratriacontane (C34)	19.637	7362746	48.160 ug/ml
20) T n-Hexatriacontane (C36)	20.376	7484578	49.288 ug/ml
21) T n-Octatriacontane (C38)	21.103	8190696	52.186 ug/ml
22) T n-Tetracontane (C40)	21.999	8628959	56.517 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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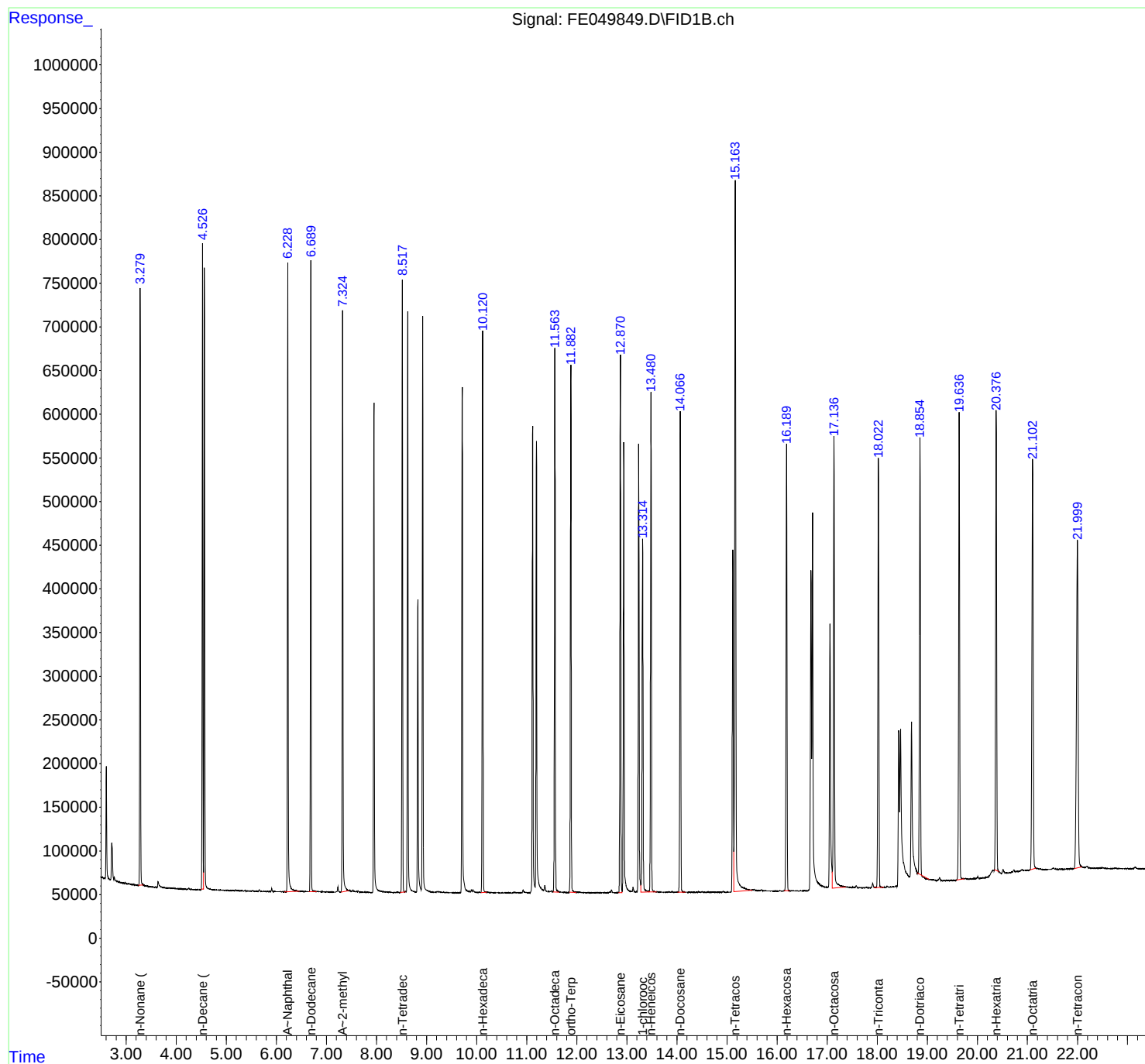
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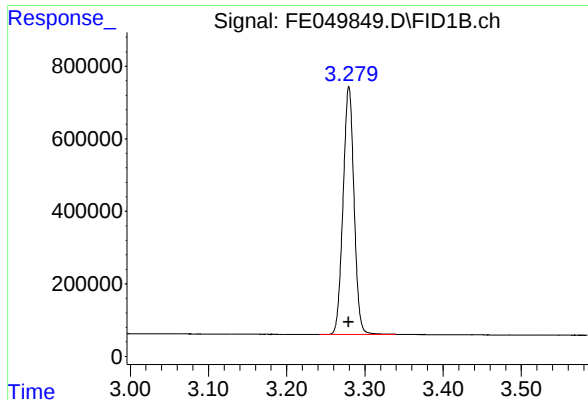
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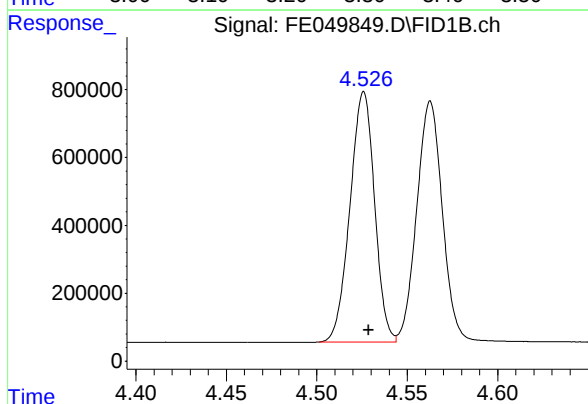
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 6660993
Conc: 43.04 ug/ml

Instrument :
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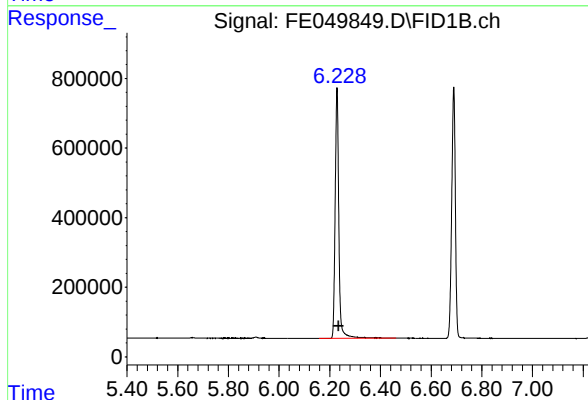
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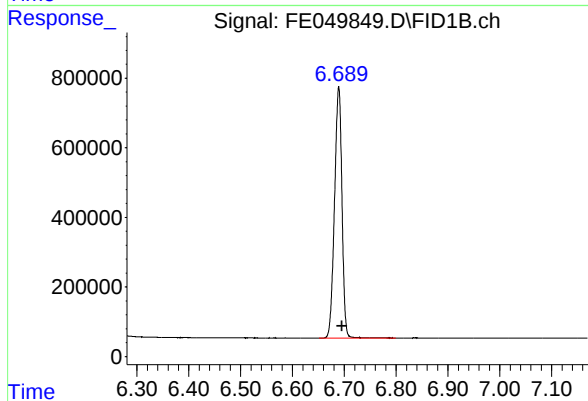
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 6982646
Conc: 44.22 ug/ml



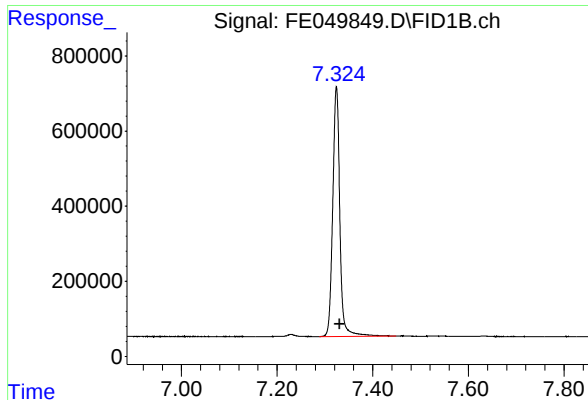
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 7204898
Conc: 44.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.007 min
Response: 7196439
Conc: 45.78 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 6905950
Conc: 46.12 ug/ml

Instrument :

FID_E

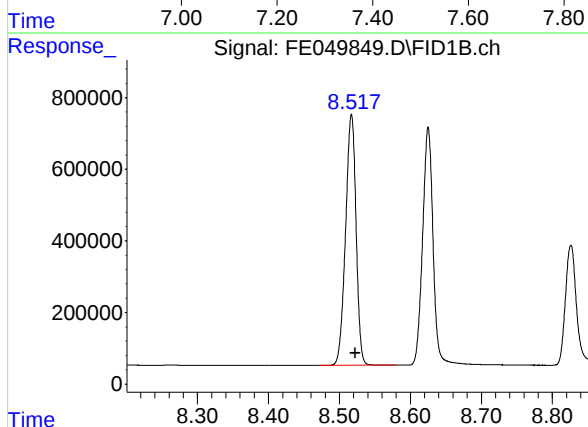
ClientSampleId :

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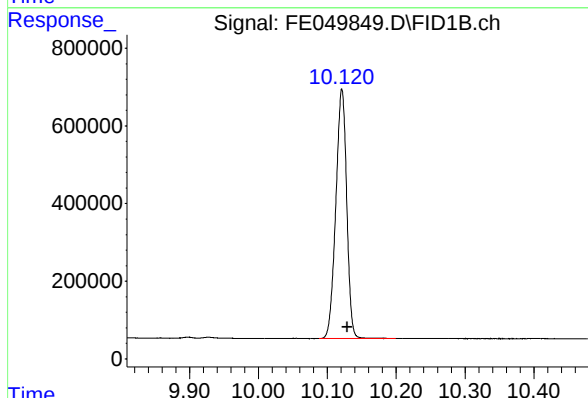
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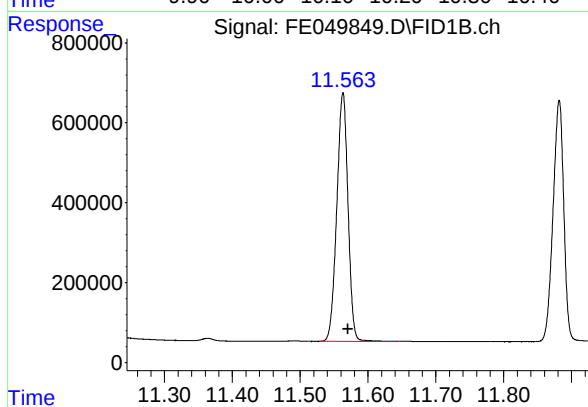
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 7196670
Conc: 46.62 ug/ml



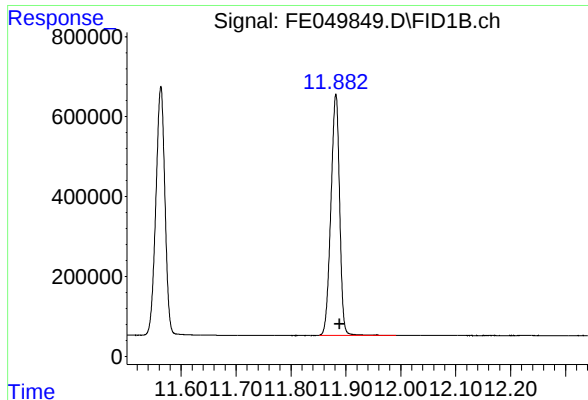
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 7058058
Conc: 45.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 7146530
Conc: 45.50 ug/ml



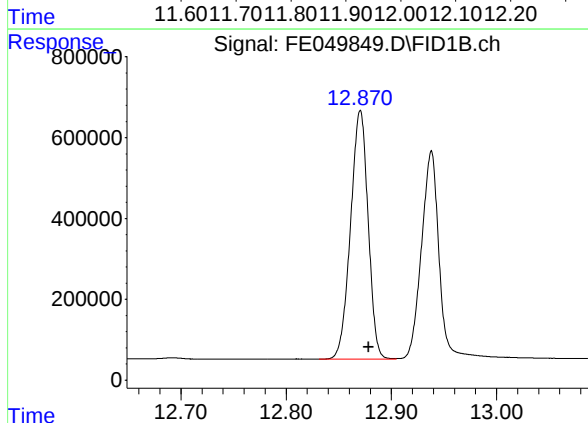
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: -0.007 min
Response: 6654498
Conc: 41.15 ug/ml

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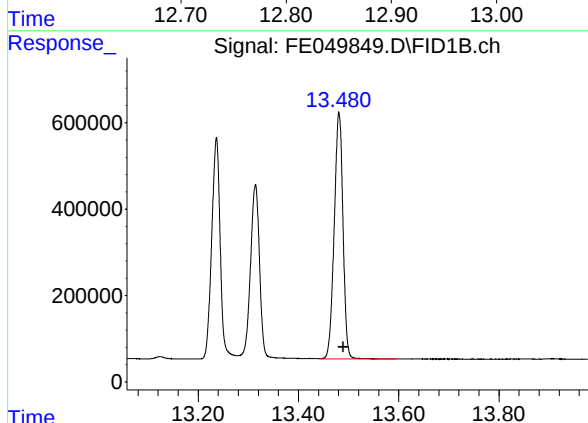
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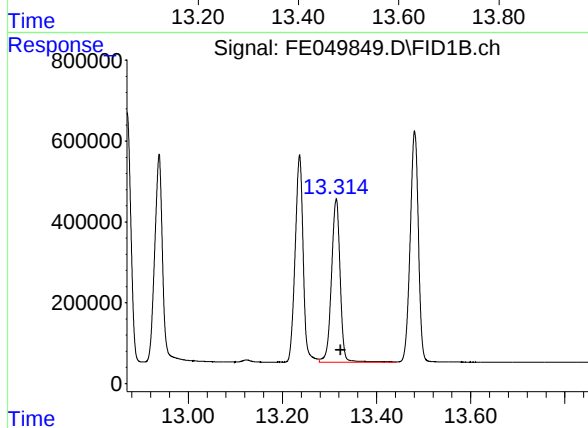
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.008 min
Response: 7133010
Conc: 47.77 ug/ml



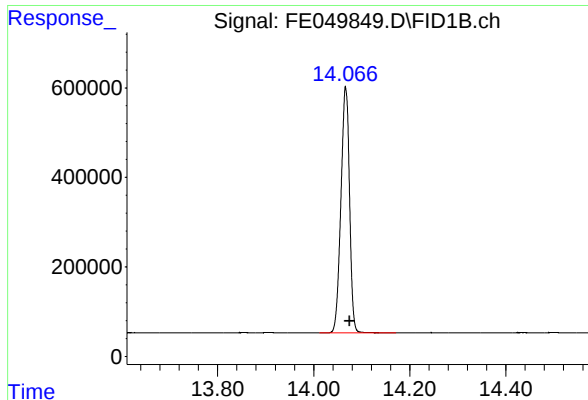
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 6937355
Conc: 47.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 5198448
Conc: 42.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.009 min
Response: 6819814
Conc: 46.79 ug/ml

Instrument :

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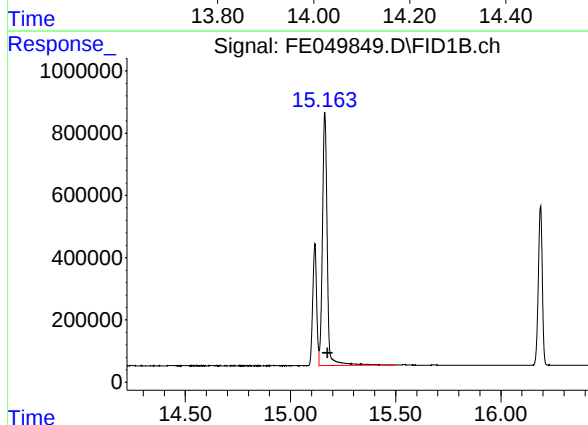
ClientSampleId :

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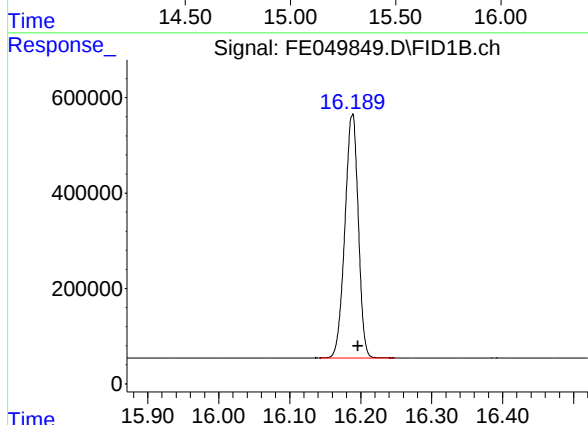
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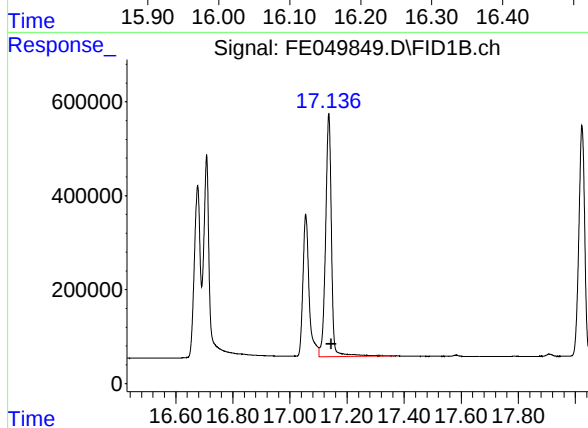
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.014 min
Response: 12910067
Conc: 88.75 ug/ml



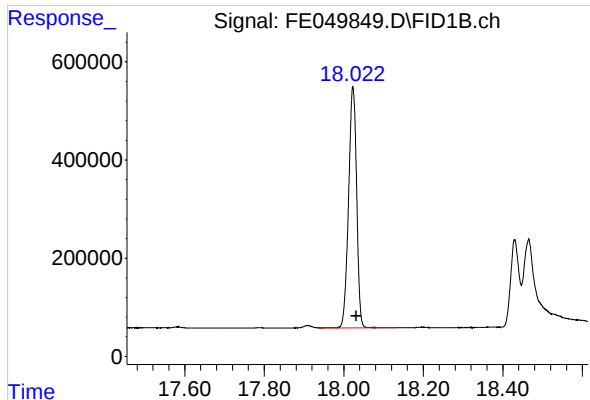
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 6700282
Conc: 46.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 7378775
Conc: 51.23 ug/ml



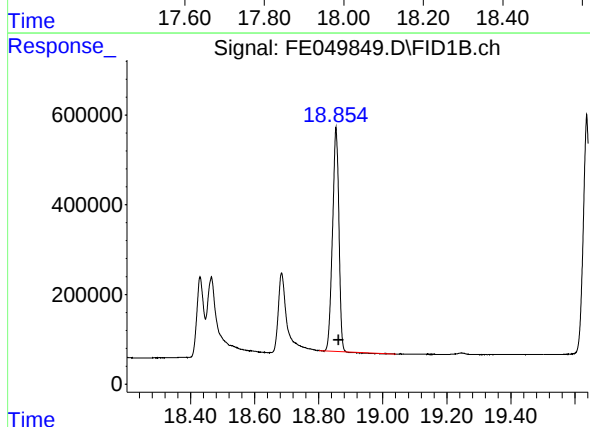
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 6906727
Conc: 46.14 ug/ml

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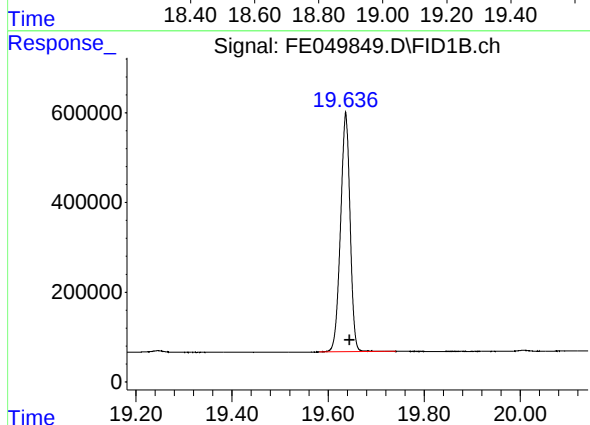
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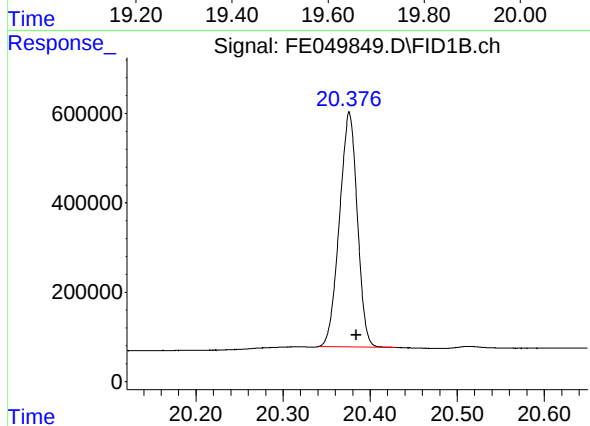
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.008 min
Response: 6832961
Conc: 45.17 ug/ml



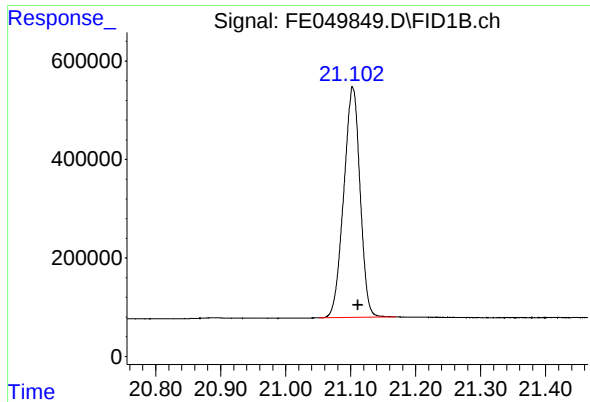
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.008 min
Response: 7362746
Conc: 48.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 7484578
Conc: 49.29 ug/ml



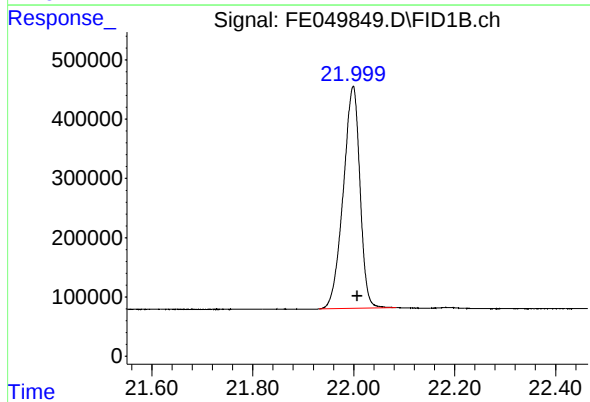
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 8190696
Conc: 52.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.008 min
Response: 8628959
Conc: 56.52 ug/ml m