

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049134.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 16:12
 Operator : YP\AJ
 Sample : P3255-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-01-07152024MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/17/2024

Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e

Quant Time: Jul 17 01:38:20 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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)	11.923	5547379	33.176 ug/ml
Spiked Amount 50.000		Recovery =	66.35%
12) S 1-chlorooctadecane (S...	13.358	5192243	40.378 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
Target Compounds			
1) T n-Nonane (C9)	3.306	3616856	24.057 ug/ml
2) T n-Decane (C10)	4.557	4027715	26.173 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4748869	29.914 ug/ml
4) T n-Dodecane (C12)	6.723	4287390	27.773 ug/ml
5) T A~2-methylnaphthalene...	7.360	5139640	33.939 ug/ml
6) T n-Tetradecane (C14)	8.553	5073112	33.100 ug/ml
7) T n-Hexadecane (C16)	10.159	5575627	35.659 ug/ml
8) T n-Octadecane (C18)	11.603	5591888	35.062 ug/ml
10) T n-Eicosane (C20)	12.913	5800891	37.417 ug/ml
11) T n-Heneicosane (C21)	13.524	5477903	35.976 ug/ml
13) T n-Docosane (C22)	14.110	5533088	36.586 ug/ml
14) T n-Tetracosane (C24)	15.209	11023352	73.352 ug/ml
15) T n-Hexacosane (C26)	16.235	5443939	36.875 ug/ml
16) T n-Octacosane (C28)	17.184	5775247	40.046 ug/ml
17) T n-Tricontane (C30)	18.071	5497828	37.579 ug/mlm
18) T n-Dotriacontane (C32)	18.904	5628482	39.366 ug/mlm
19) T n-Tetratriacontane (C34)	19.686	5547250	40.090 ug/ml
20) T n-Hexatriacontane (C36)	20.426	5404927	41.587 ug/ml
21) T n-Octatriacontane (C38)	21.162	5652119	44.090 ug/mlm
22) T n-Tetracontane (C40)	22.072	5474936	44.708 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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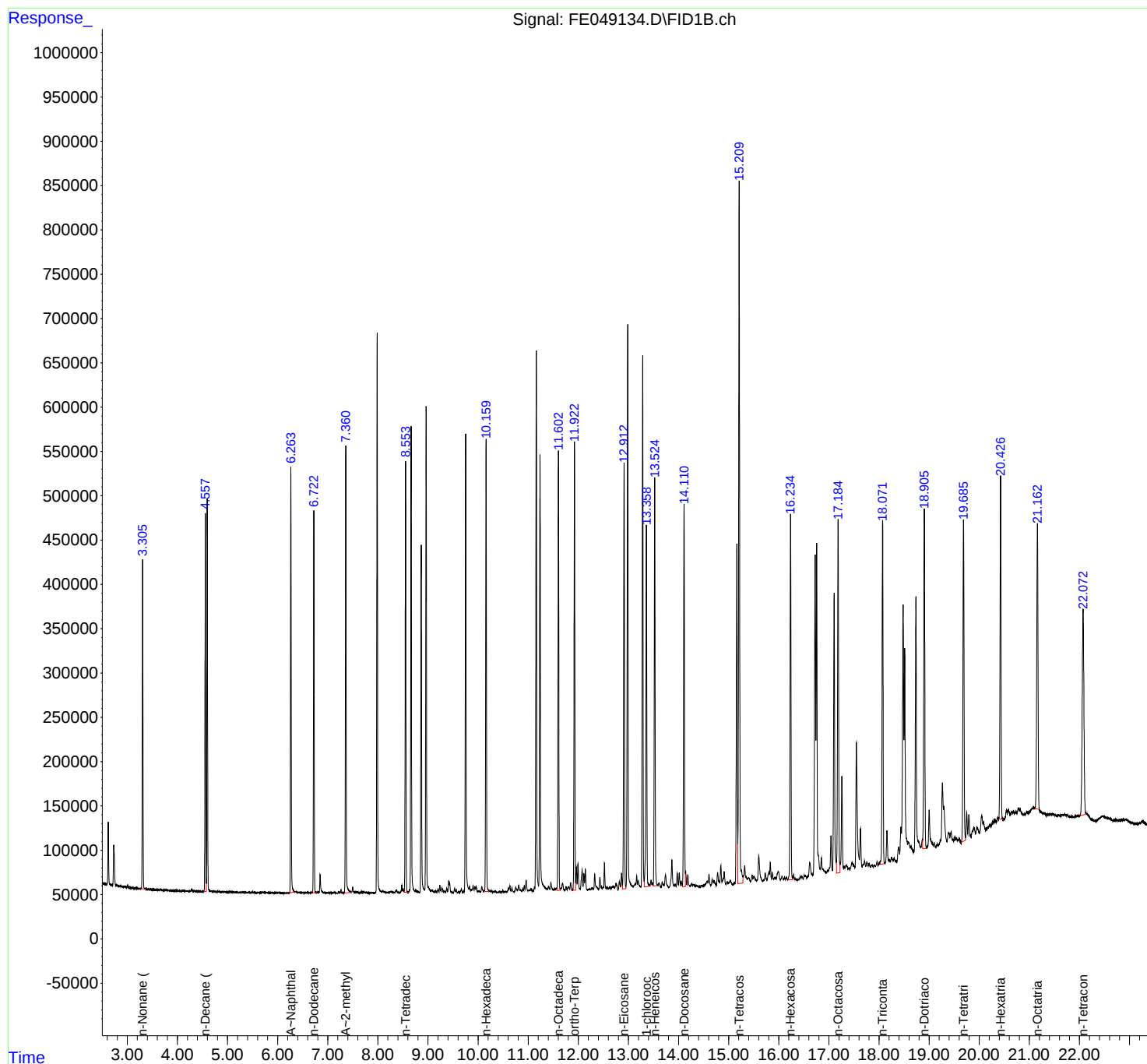
Instrument :
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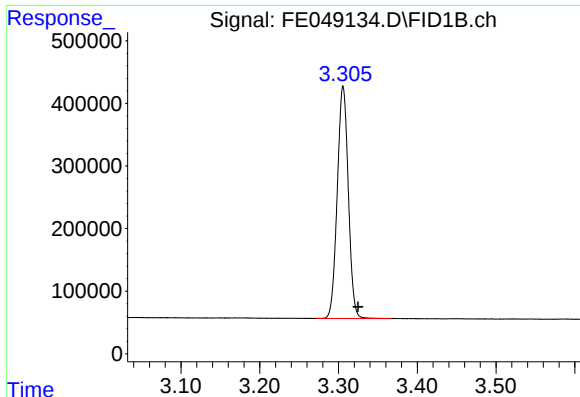
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Integration File: autoint1.e
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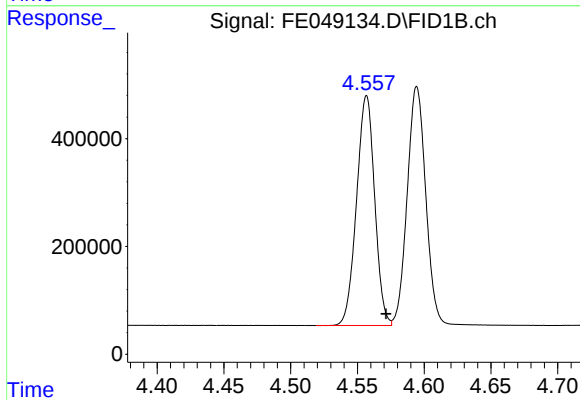
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.019 min
Response: 3616856
Conc: 24.06 ug/ml

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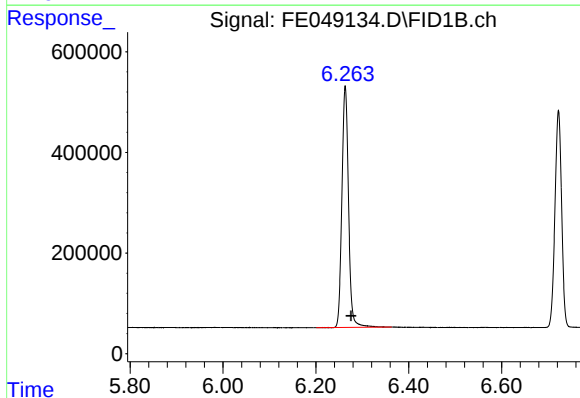
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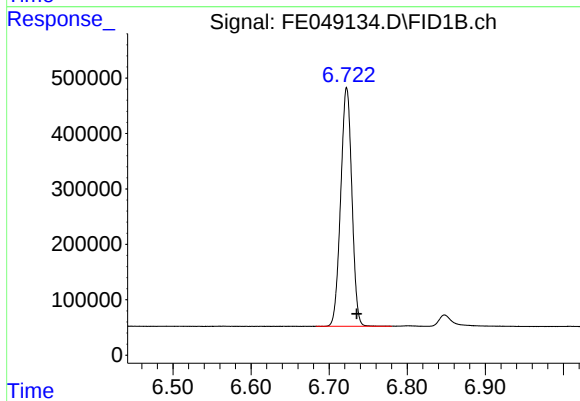
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.015 min
Response: 4027715
Conc: 26.17 ug/ml



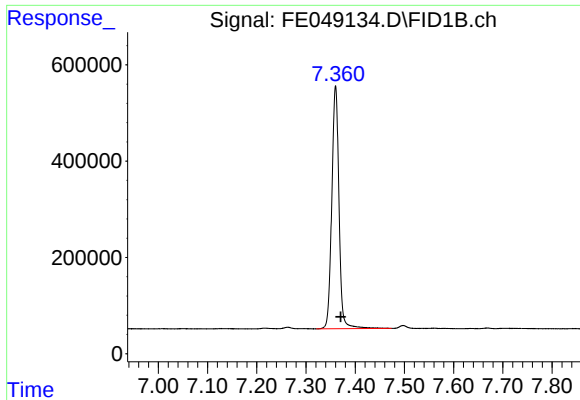
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 4748869
Conc: 29.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.013 min
Response: 4287390
Conc: 27.77 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.010 min
Response: 5139640
Conc: 33.94 ug/ml

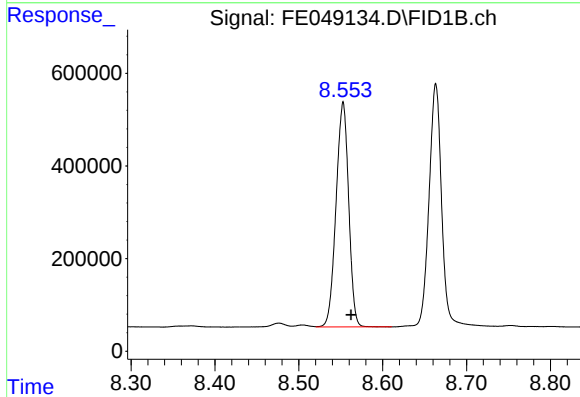
Instrument :

FID_E

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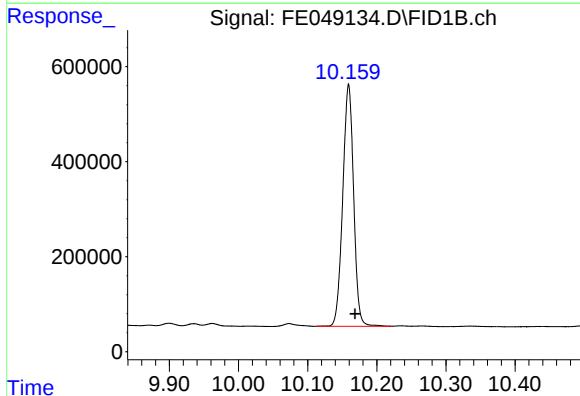
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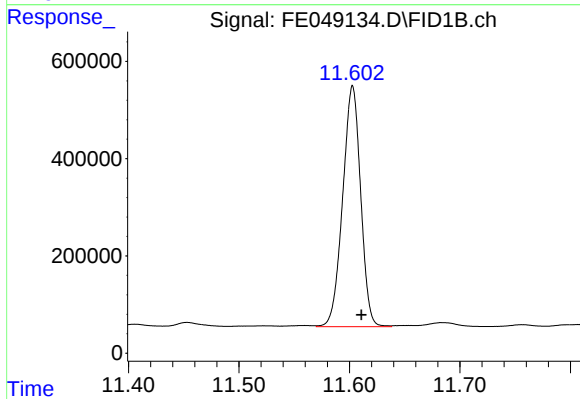
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 5073112
Conc: 33.10 ug/ml



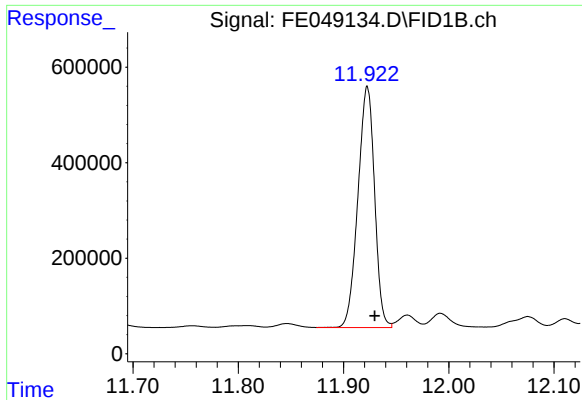
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.009 min
Response: 5575627
Conc: 35.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.008 min
Response: 5591888
Conc: 35.06 ug/ml



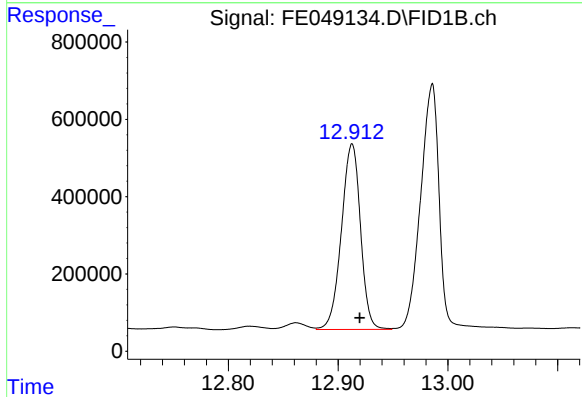
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 5547379
Conc: 33.18 ug/ml

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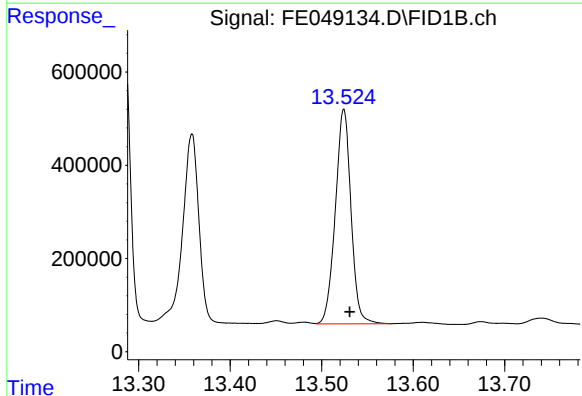
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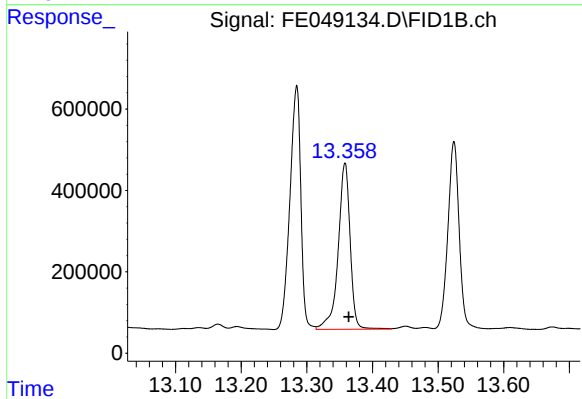
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 5800891
Conc: 37.42 ug/ml



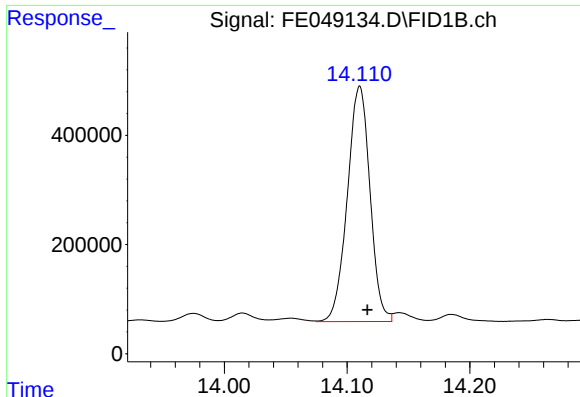
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.007 min
Response: 5477903
Conc: 35.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.006 min
Response: 5192243
Conc: 40.38 ug/ml



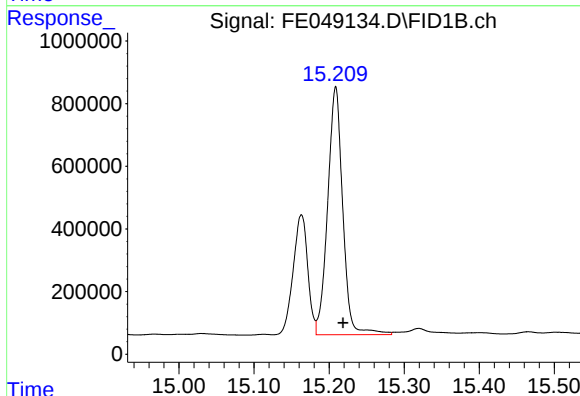
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: -0.006 min
Response: 5533088
Conc: 36.59 ug/ml

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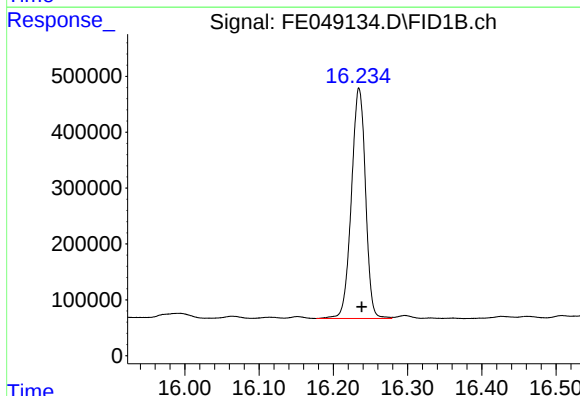
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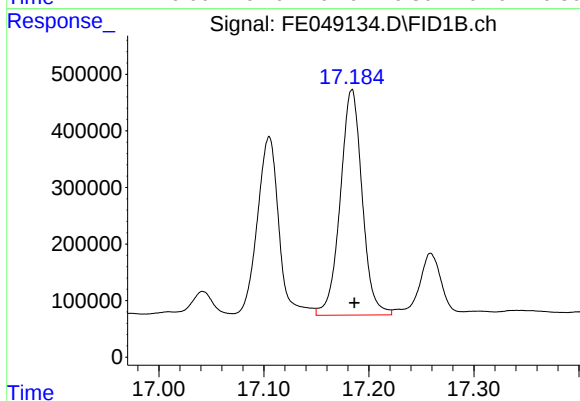
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.010 min
Response: 11023352
Conc: 73.35 ug/ml



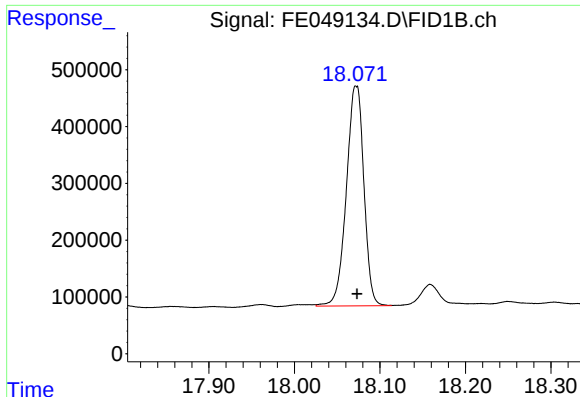
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.004 min
Response: 5443939
Conc: 36.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.002 min
Response: 5775247
Conc: 40.05 ug/ml



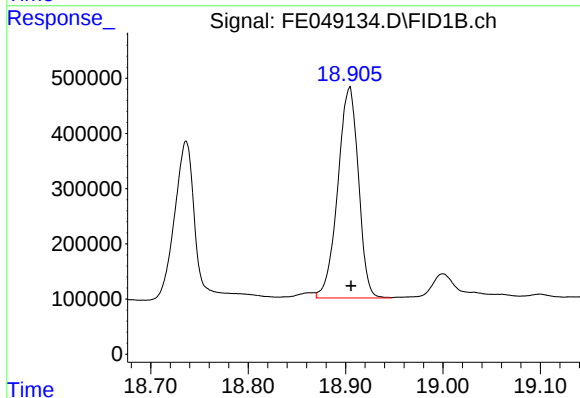
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.002 min
Response: 5497828
Conc: 37.58 ug/ml

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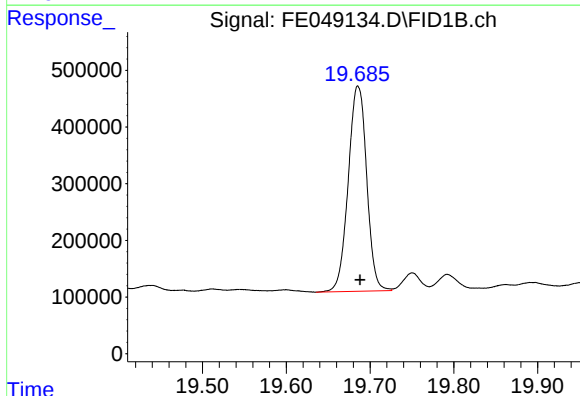
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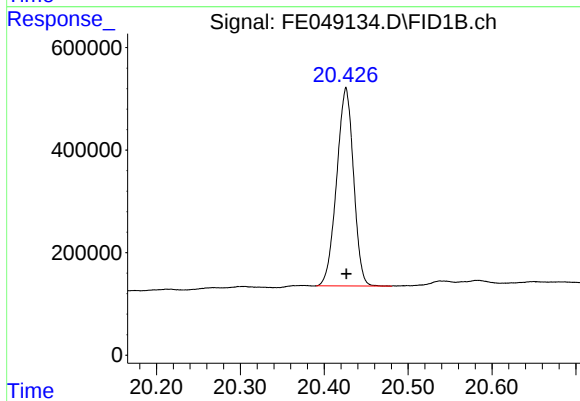
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.001 min
Response: 5628482
Conc: 39.37 ug/ml m



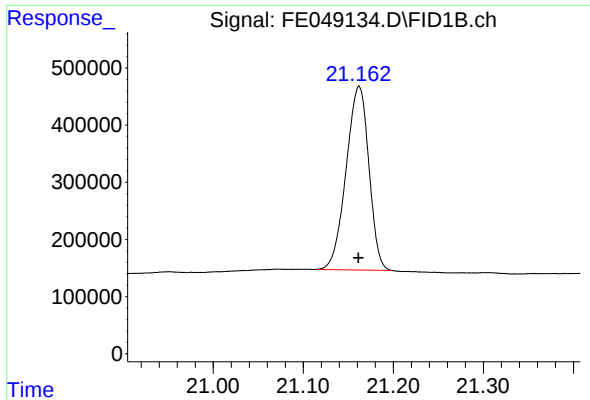
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.002 min
Response: 5547250
Conc: 40.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.000 min
Response: 5404927
Conc: 41.59 ug/ml



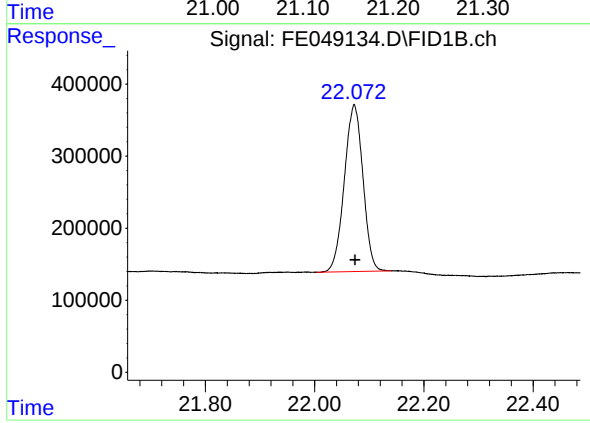
#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 5652119
Conc: 44.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 5474936
Conc: 44.71 ug/ml m