

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049135.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 16:43
 Operator : YP\AJ
 Sample : P3255-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-07152024MSD

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 01:38:33 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	5716171	34.186 ug/ml
Spiked Amount 50.000		Recovery =	68.37%
12) S 1-chlorooctadecane (S...	13.358	5298227	41.203 ug/ml
Spiked Amount 50.000		Recovery =	82.41%
Target Compounds			
1) T n-Nonane (C9)	3.306	3781513	25.153 ug/ml
2) T n-Decane (C10)	4.557	4208680	27.349 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4975124	31.339 ug/ml
4) T n-Dodecane (C12)	6.723	4471362	28.965 ug/ml
5) T A~2-methylnaphthalene...	7.361	5340967	35.269 ug/ml
6) T n-Tetradecane (C14)	8.553	5276822	34.430 ug/ml
7) T n-Hexadecane (C16)	10.160	5773479	36.925 ug/ml
8) T n-Octadecane (C18)	11.603	5762349	36.131 ug/ml
10) T n-Eicosane (C20)	12.913	5967763	38.493 ug/ml
11) T n-Heneicosane (C21)	13.525	5635426	37.011 ug/ml
13) T n-Docosane (C22)	14.111	5691938	37.637 ug/ml
14) T n-Tetracosane (C24)	15.210	11477797	76.376 ug/ml
15) T n-Hexacosane (C26)	16.235	5613724	38.025 ug/ml
16) T n-Octacosane (C28)	17.184	5948079	41.244 ug/ml
17) T n-Tricontane (C30)	18.073	5721893	39.111 ug/ml
18) T n-Dotriacontane (C32)	18.905	5792702	40.514 ug/mlm
19) T n-Tetratriacontane (C34)	19.688	5707584	41.248 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5567226	42.836 ug/ml
21) T n-Octatriacontane (C38)	21.162	5930508	46.261 ug/mlm
22) T n-Tetracontane (C40)	22.070	5815125	47.486 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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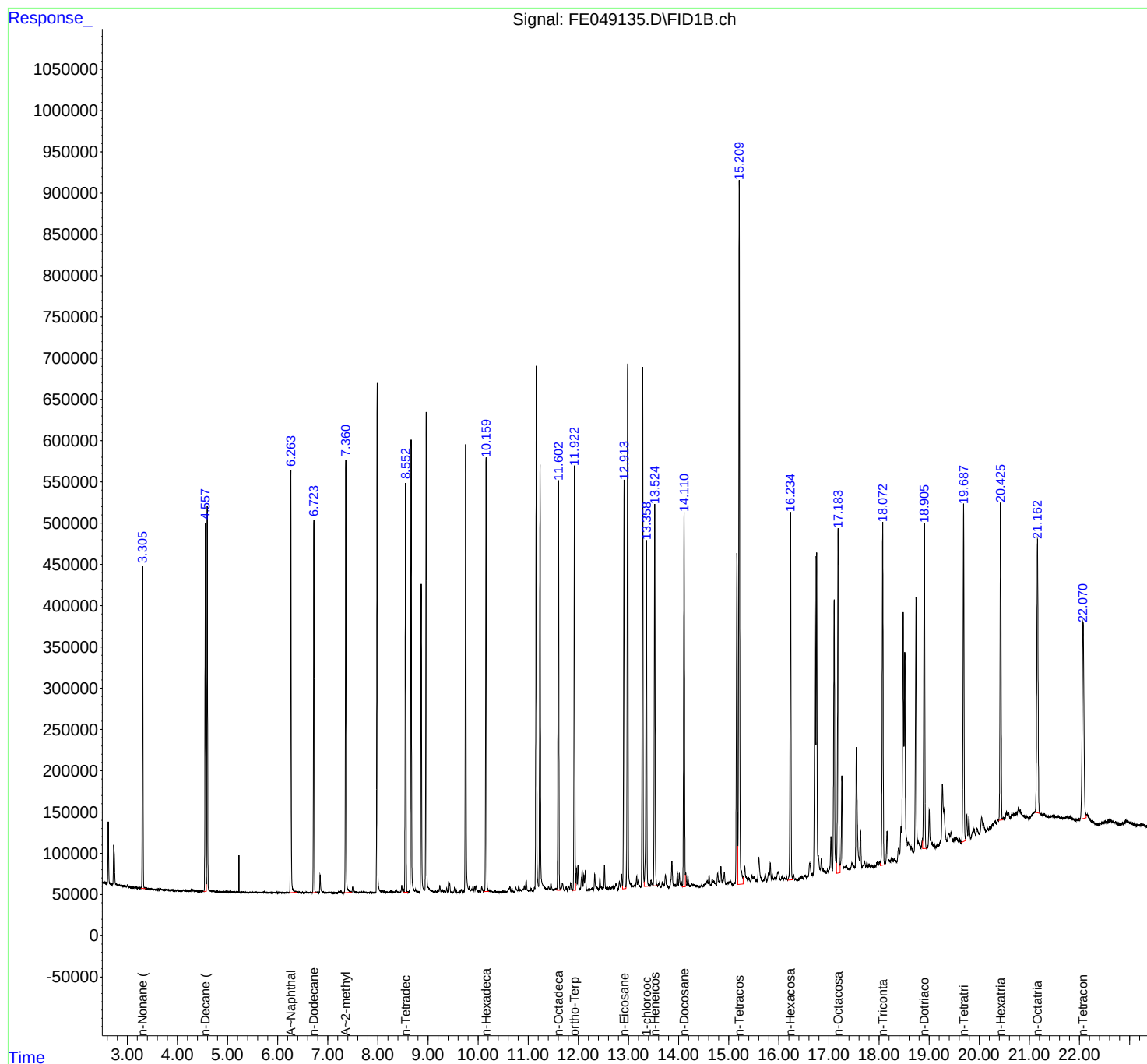
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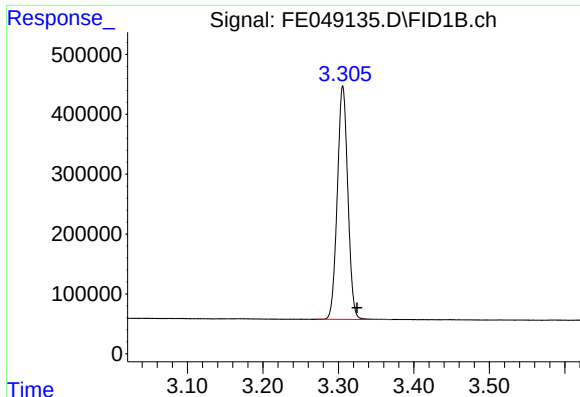
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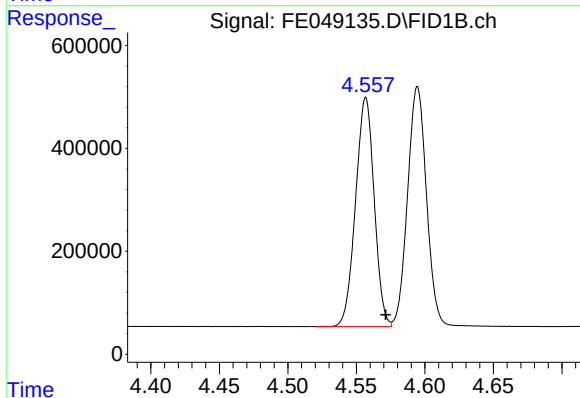
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.019 min
Response: 3781513
Conc: 25.15 ug/ml

Instrument :
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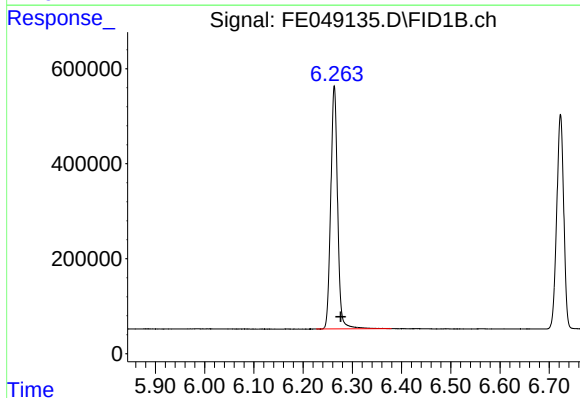
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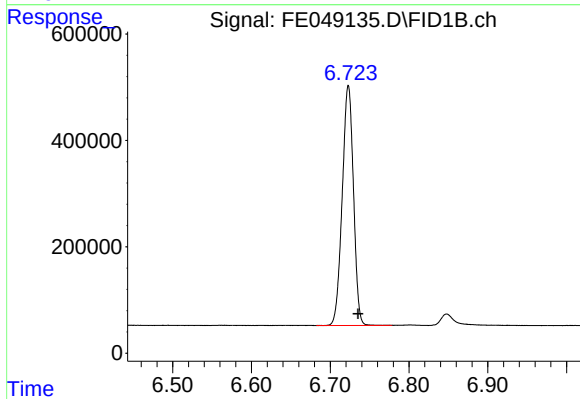
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.015 min
Response: 4208680
Conc: 27.35 ug/ml



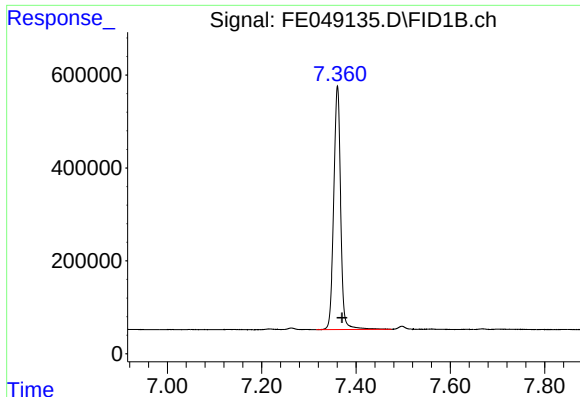
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 4975124
Conc: 31.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.012 min
Response: 4471362
Conc: 28.96 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 5340967
Conc: 35.27 ug/ml

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FID_E

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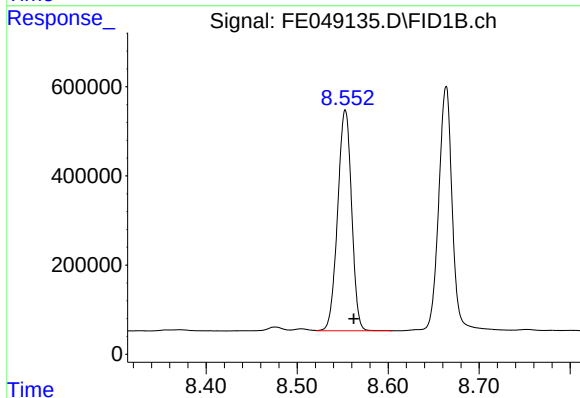
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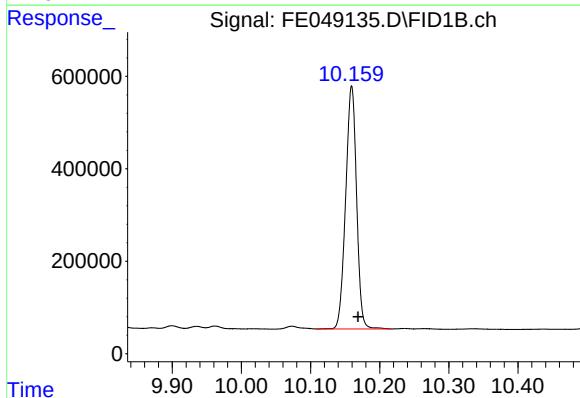
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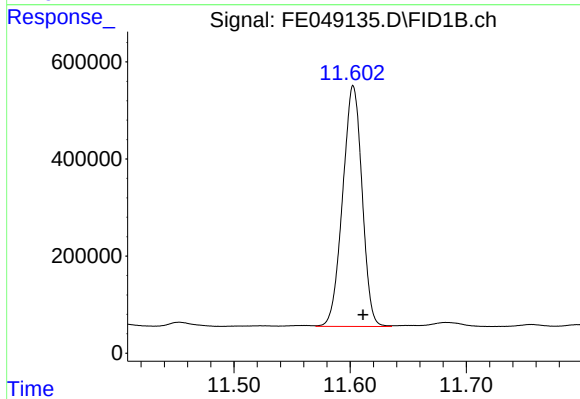
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 5276822
Conc: 34.43 ug/ml



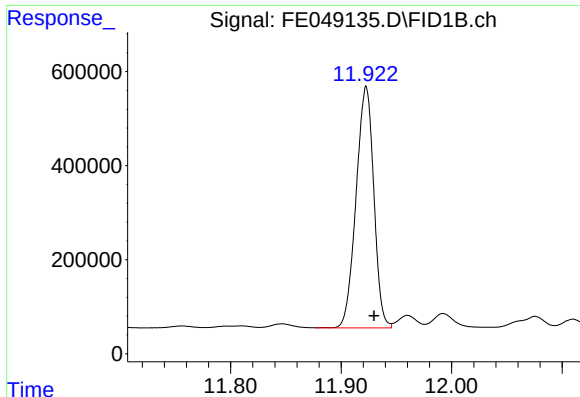
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 5773479
Conc: 36.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.008 min
Response: 5762349
Conc: 36.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 5716171
Conc: 34.19 ug/ml

Instrument :

FID_E

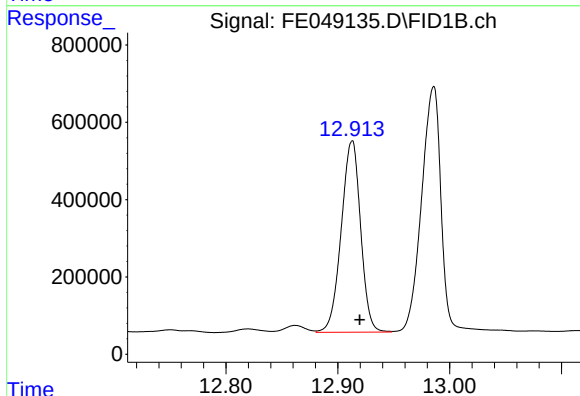
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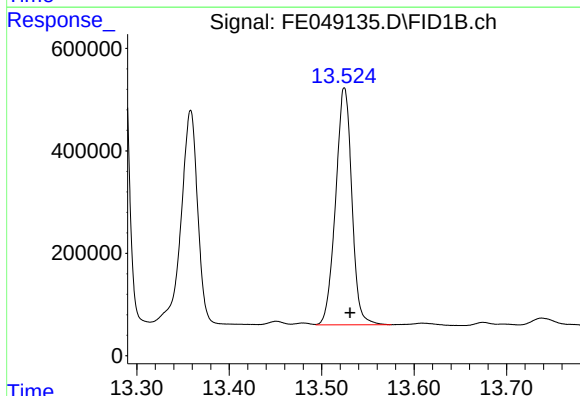
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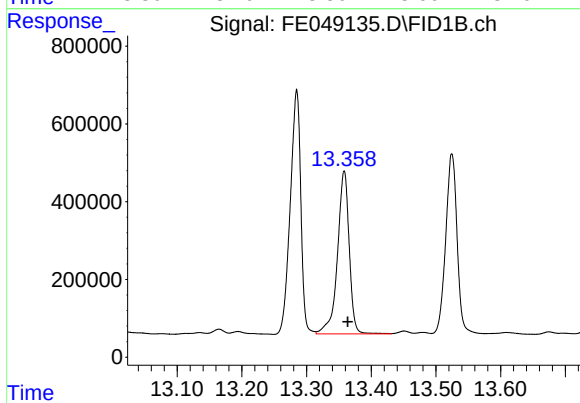
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 5967763
Conc: 38.49 ug/ml



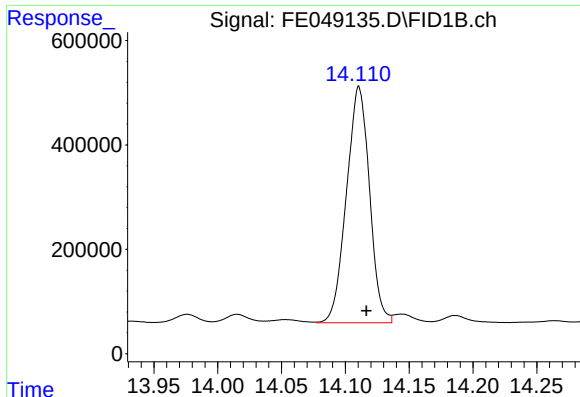
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.006 min
Response: 5635426
Conc: 37.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.005 min
Response: 5298227
Conc: 41.20 ug/ml



#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 5691938
Conc: 37.64 ug/ml

Instrument :

FID_E

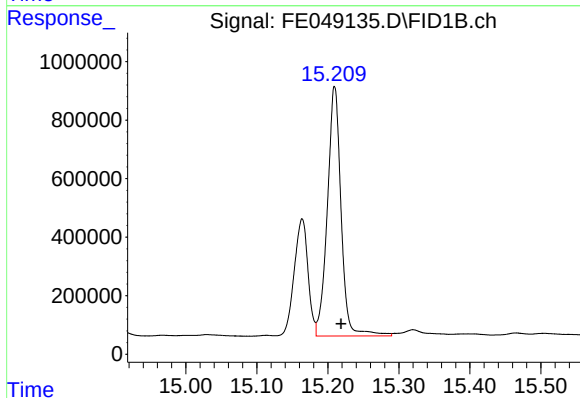
ClientSampleId :

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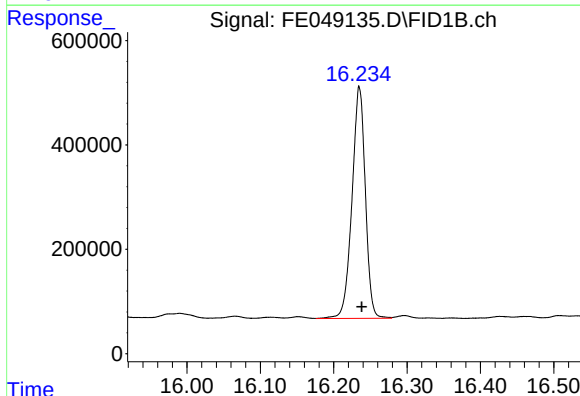
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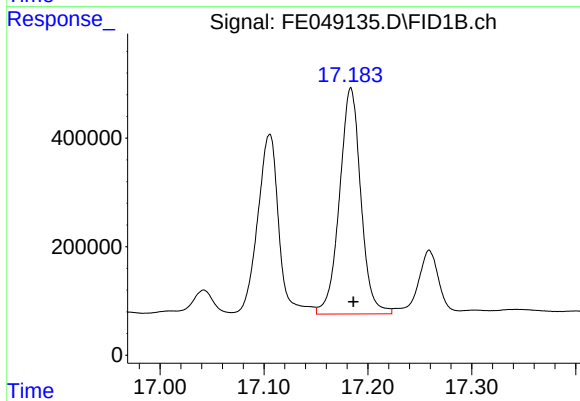
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.009 min
Response: 11477797
Conc: 76.38 ug/ml



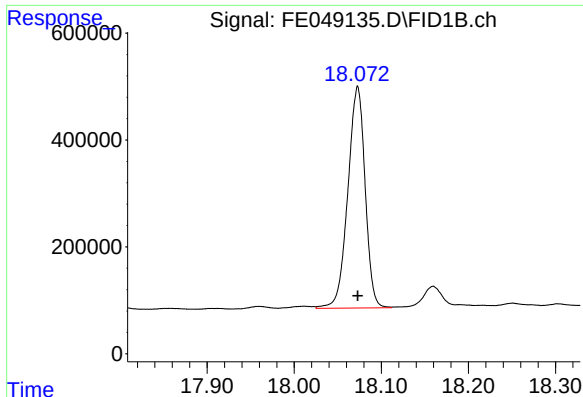
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.003 min
Response: 5613724
Conc: 38.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.003 min
Response: 5948079
Conc: 41.24 ug/ml



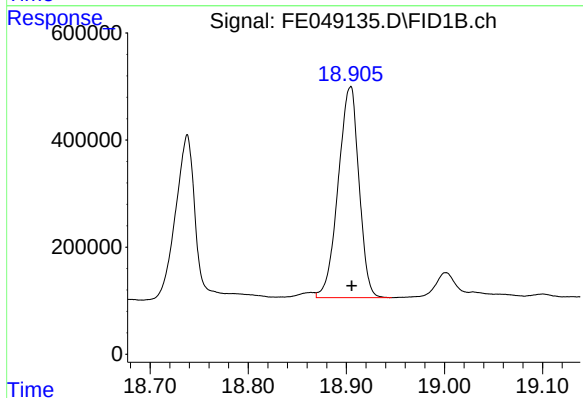
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 5721893
Conc: 39.11 ug/ml

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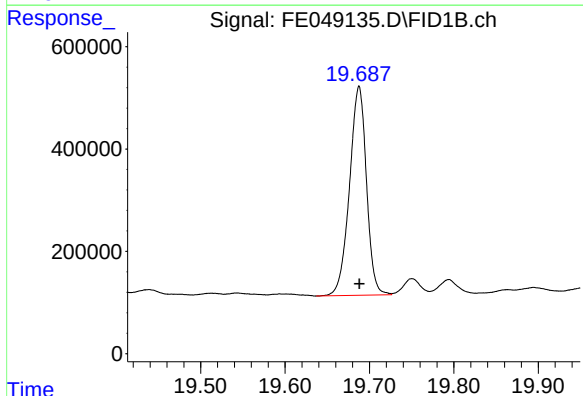
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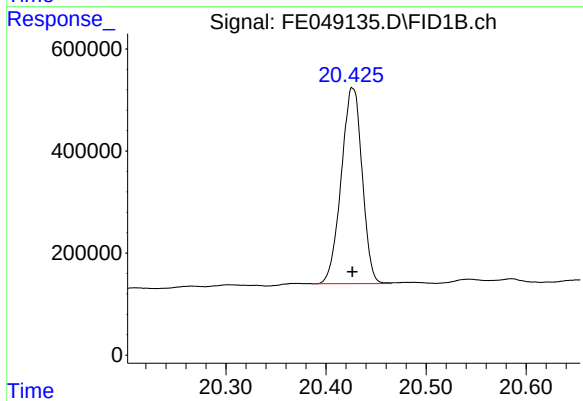
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 5792702
Conc: 40.51 ug/ml m



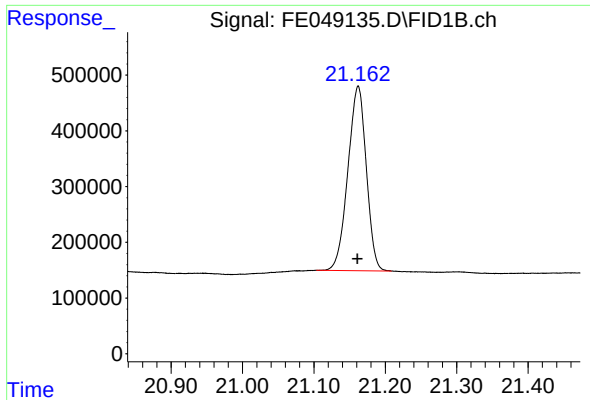
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 5707584
Conc: 41.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 5567226
Conc: 42.84 ug/ml



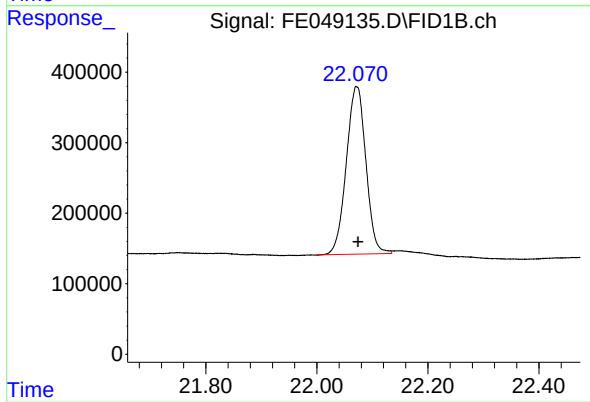
#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 5930508
Conc: 46.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.004 min
Response: 5815125
Conc: 47.49 ug/ml m