

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012325AL\
 Data File : FE052018.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2025 16:04
 Operator : YP\AJ
 Sample : Q1156-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 281MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e
 Quant Time: Jan 24 01:51:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.203	4452954	31.155 ug/mlm
Spiked Amount 50.000		Recovery =	62.31%
12) S 1-chlorooctadecane (S...	13.618	3613429	31.499 ug/ml
Spiked Amount 50.000		Recovery =	63.00%
Target Compounds			
1) T n-Nonane (C9)	3.684	3322870	31.168 ug/ml
2) T n-Decane (C10)	4.911	3894125	35.570 ug/ml
3) T A~Naphthalene (C11.7)	6.605	4968827	40.890 ug/ml
4) T n-Dodecane (C12)	7.038	4454433	39.467 ug/ml
5) T A~2-methylnaphthalene...	7.685	4842066	40.559 ug/ml
6) T n-Tetradecane (C14)	8.845	4932715	42.410 ug/ml
7) T n-Hexadecane (C16)	10.437	5185925	41.119 ug/ml
8) T n-Octadecane (C18)	11.871	5291418	39.994 ug/ml
10) T n-Eicosane (C20)	13.174	5459879	41.648 ug/ml
11) T n-Heneicosane (C21)	13.781	5181159	39.805 ug/mlm
13) T n-Docosane (C22)	14.365	5134243	39.122 ug/ml
14) T n-Tetracosane (C24)	15.468	10261847	77.255 ug/ml
15) T n-Hexacosane (C26)	16.482	4915038	37.183 ug/ml
16) T n-Octacosane (C28)	17.426	4709148	35.679 ug/ml
17) T n-Tricontane (C30)	18.313	4829244	35.420 ug/ml
18) T n-Dotriacontane (C32)	19.142	4705879	35.908 ug/ml
19) T n-Tetratriacontane (C34)	19.923	4496166	39.936 ug/mlm
20) T n-Hexatriacontane (C36)	20.662	4098670	43.152 ug/ml
21) T n-Octatriacontane (C38)	21.450	3922778	45.412 ug/ml
22) T n-Tetracontane (C40)	22.452	3916502	47.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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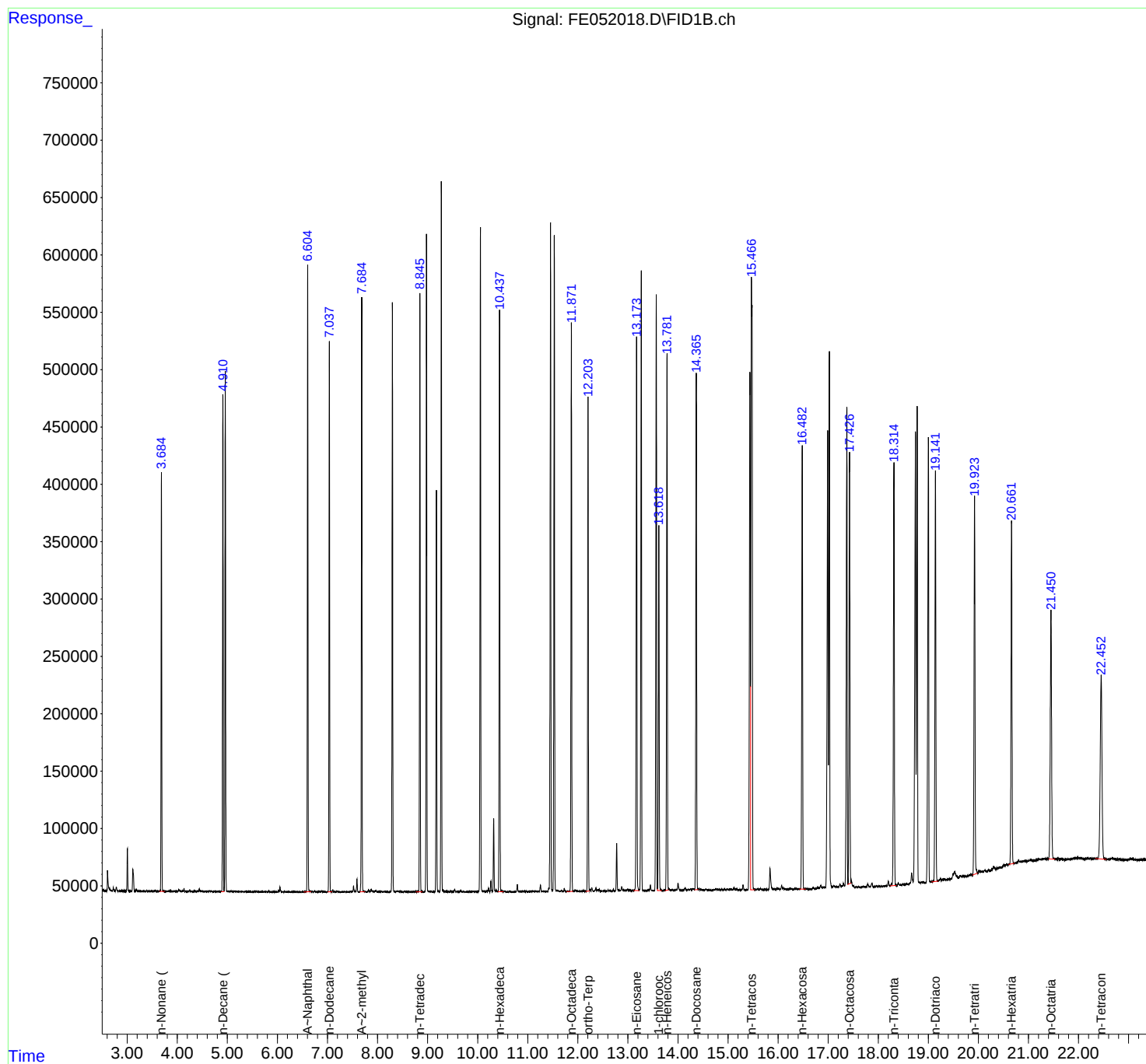
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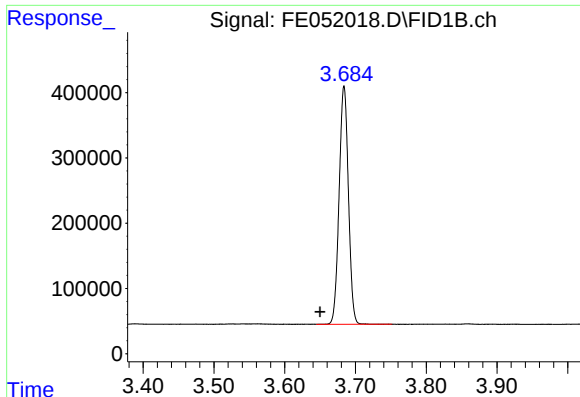
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#1 n-Nonane (C9)

R.T.: 3.684 min
Delta R.T.: 0.034 min
Response: 3322870
Conc: 31.17 ug/ml

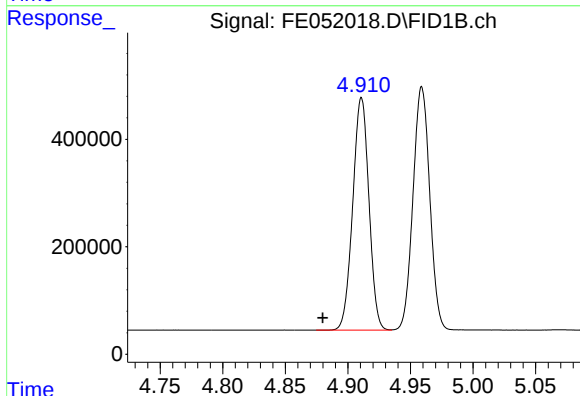
Instrument :

FID_E

ClientSampleId :
281MS

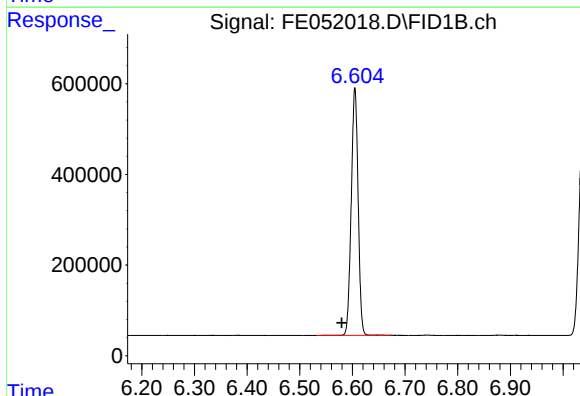
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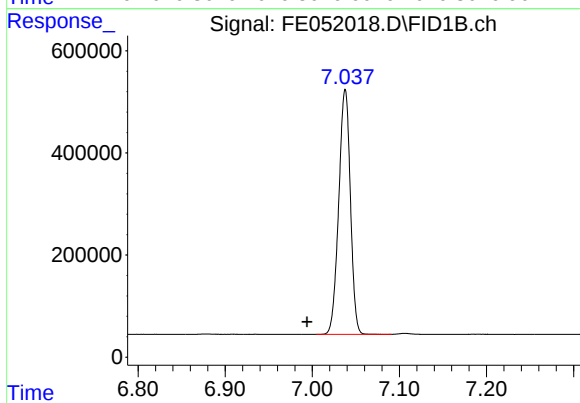
#2 n-Decane (C10)

R.T.: 4.911 min
Delta R.T.: 0.031 min
Response: 3894125
Conc: 35.57 ug/ml



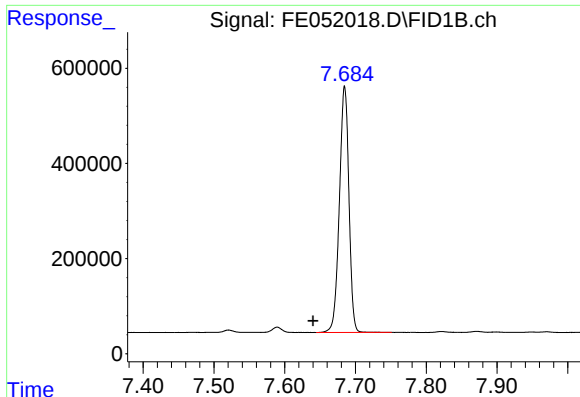
#3 A~Naphthalene (C11.7)

R.T.: 6.605 min
Delta R.T.: 0.025 min
Response: 4968827
Conc: 40.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.038 min
Delta R.T.: 0.043 min
Response: 4454433
Conc: 39.47 ug/ml



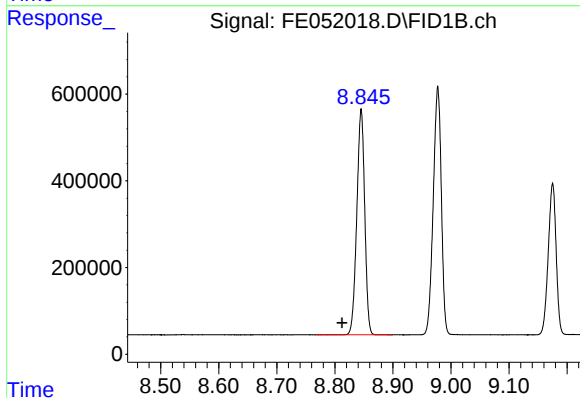
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.685 min
Delta R.T.: 0.044 min
Response: 4842066
Conc: 40.56 ug/ml

Instrument :
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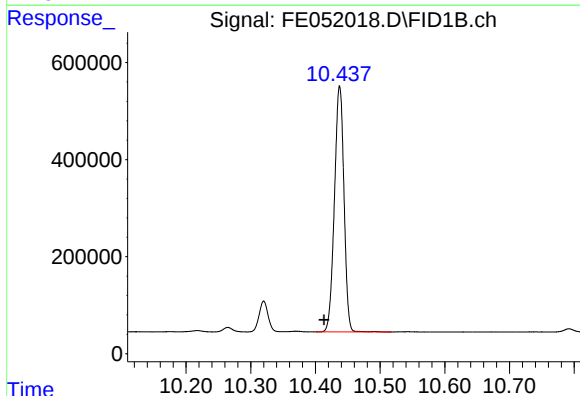
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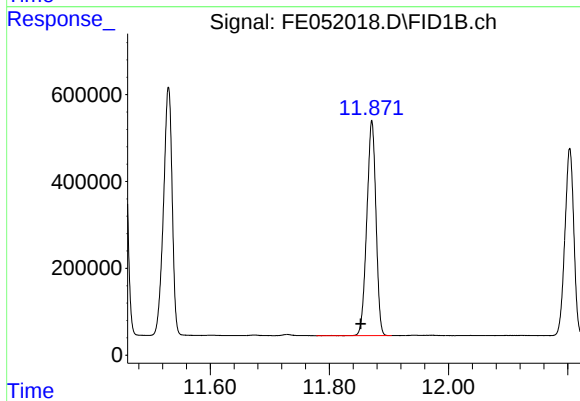
#6 n-Tetradecane (C14)

R.T.: 8.845 min
Delta R.T.: 0.033 min
Response: 4932715
Conc: 42.41 ug/ml



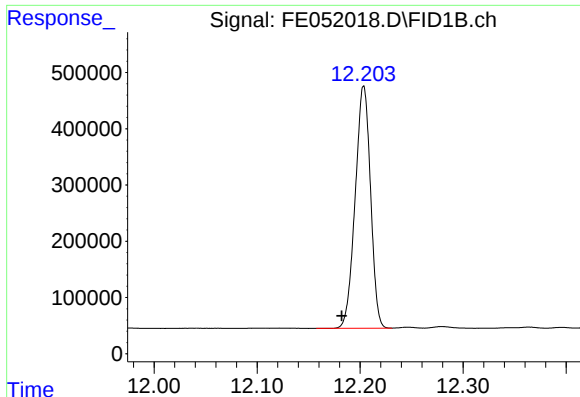
#7 n-Hexadecane (C16)

R.T.: 10.437 min
Delta R.T.: 0.024 min
Response: 5185925
Conc: 41.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.871 min
Delta R.T.: 0.019 min
Response: 5291418
Conc: 39.99 ug/ml



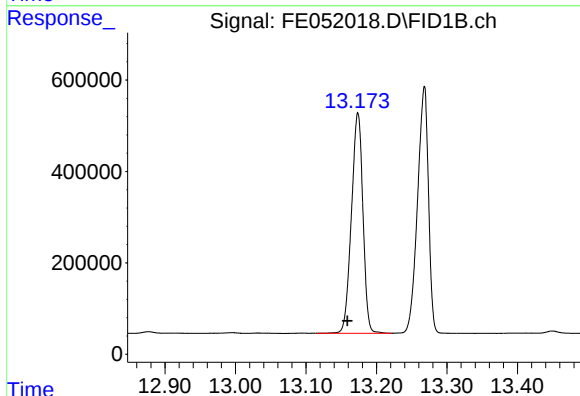
#9 ortho-Terphenyl (SURR)

R.T.: 12.203 min
Delta R.T.: 0.021 min
Response: 4452954
Conc: 31.16 ug/ml

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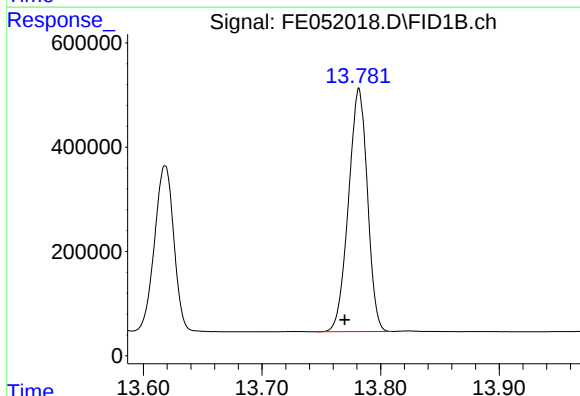
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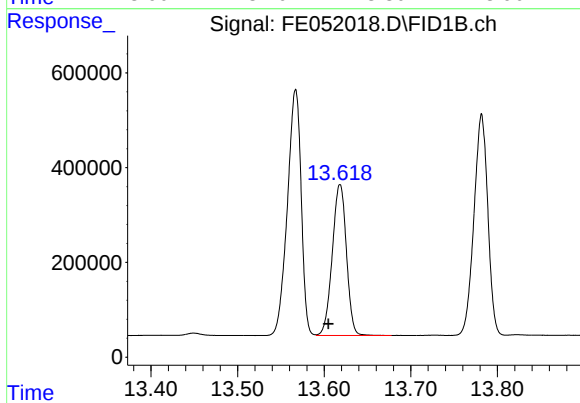
#10 n-Eicosane (C20)

R.T.: 13.174 min
Delta R.T.: 0.015 min
Response: 5459879
Conc: 41.65 ug/ml



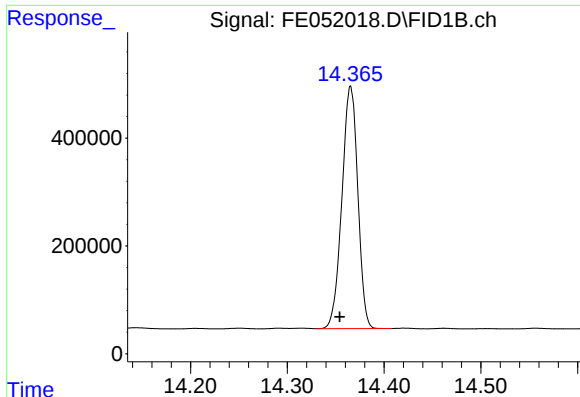
#11 n-Heneicosane (C21)

R.T.: 13.781 min
Delta R.T.: 0.012 min
Response: 5181159
Conc: 39.81 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.618 min
Delta R.T.: 0.013 min
Response: 3613429
Conc: 31.50 ug/ml



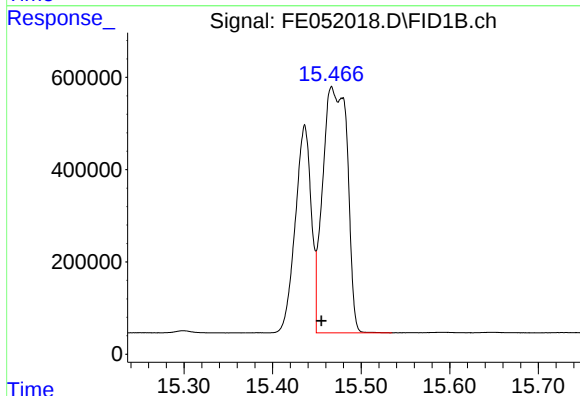
#13 n-Docosane (C22)

R.T.: 14.365 min
Delta R.T.: 0.011 min
Response: 5134243
Conc: 39.12 ug/ml

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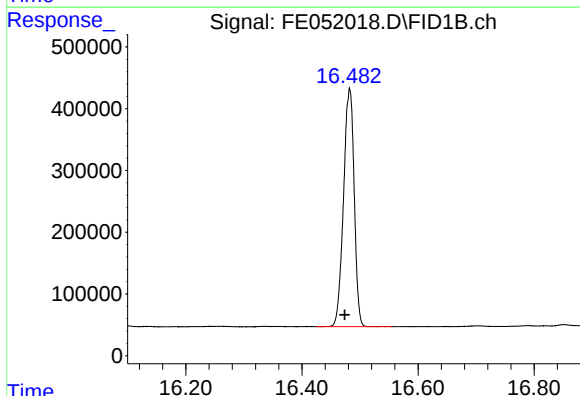
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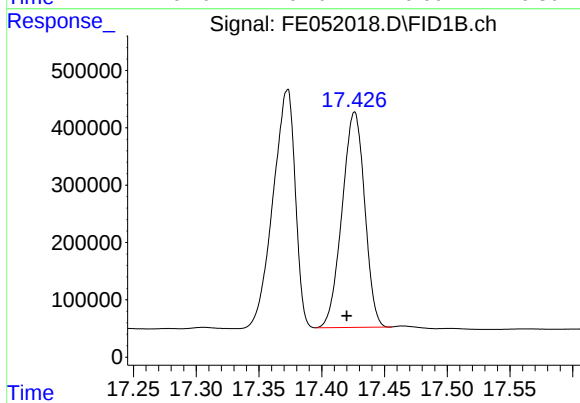
#14 n-Tetracosane (C24)

R.T.: 15.468 min
Delta R.T.: 0.013 min
Response: 10261847
Conc: 77.26 ug/ml



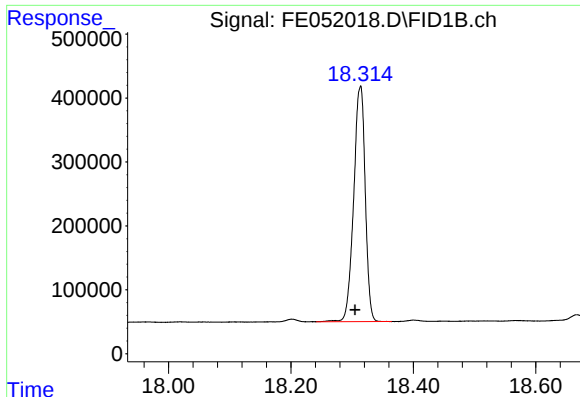
#15 n-Hexacosane (C26)

R.T.: 16.482 min
Delta R.T.: 0.008 min
Response: 4915038
Conc: 37.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.426 min
Delta R.T.: 0.006 min
Response: 4709148
Conc: 35.68 ug/ml



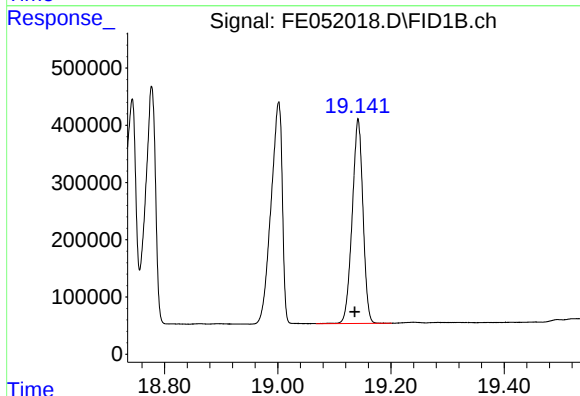
#17 n-Tricontane (C30)

R.T.: 18.313 min
Delta R.T.: 0.008 min
Response: 4829244
Conc: 35.42 ug/ml

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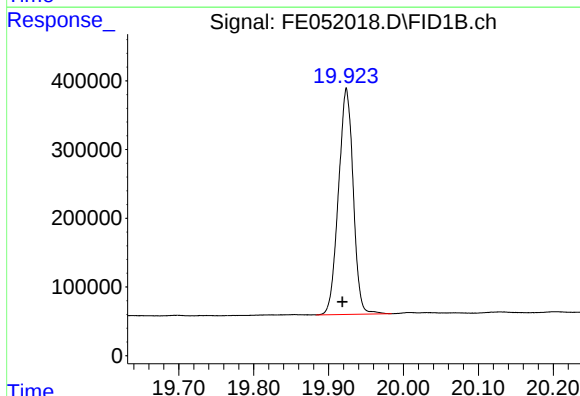
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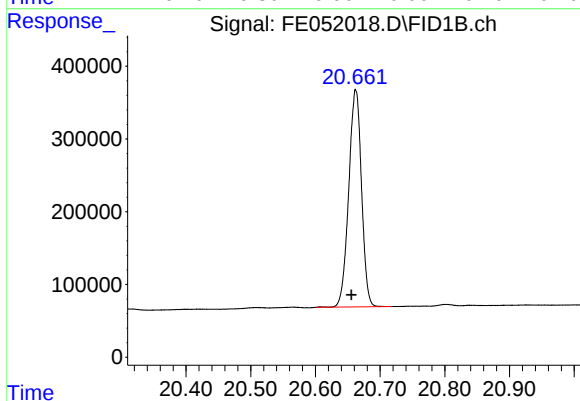
#18 n-Dotriacontane (C32)

R.T.: 19.142 min
Delta R.T.: 0.006 min
Response: 4705879
Conc: 35.91 ug/ml



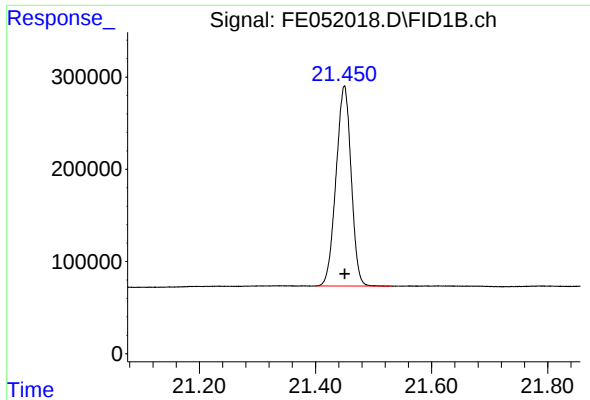
#19 n-Tetratriacontane (C34)

R.T.: 19.923 min
Delta R.T.: 0.005 min
Response: 4496166
Conc: 39.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.662 min
Delta R.T.: 0.006 min
Response: 4098670
Conc: 43.15 ug/ml



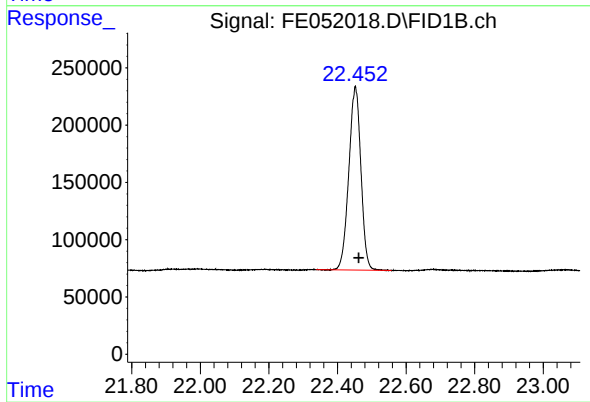
#21 n-Octatriacontane (C38)

R.T.: 21.450 min
Delta R.T.: 0.000 min
Response: 3922778
Conc: 45.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.452 min
Delta R.T.: -0.010 min
Response: 3916502
Conc: 47.52 ug/ml