

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057315.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 16:34
 Operator : YP\AJ
 Sample : Q3831-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PL-01-12102025MSD

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 12/12/2025

Supervised By :Yogesh Patel 12/12/2025

Integration File: autoint1.e

Quant Time: Dec 12 00:17:57 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M

Quant Title : GC Extractables

QLast Update : Mon Dec 01 08:04:59 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)	11.930	5861126	26.709 ug/ml
Spiked Amount 50.000		Recovery =	53.42%
12) S 1-chlorooctadecane (S...	13.366	4103576	24.657 ug/ml
Spiked Amount 50.000		Recovery =	49.31%
Target Compounds			
1) T n-Nonane (C9)	3.285	3310388	16.923 ug/ml
2) T n-Decane (C10)	4.540	3706160	18.324 ug/ml
3) T A~Naphthalene (C11.7)	6.259	5090046	25.282 ug/ml
4) T n-Dodecane (C12)	6.713	4562962	22.357 ug/ml
5) T A~2-methylnaphthalene...	7.359	5031634	26.186 ug/ml
6) T n-Tetradecane (C14)	8.548	5279153	26.228 ug/ml
7) T n-Hexadecane (C16)	10.159	5394435	26.305 ug/ml
8) T n-Octadecane (C18)	11.606	5481842	26.596 ug/ml
10) T n-Eicosane (C20)	12.919	5691216	28.932 ug/ml
11) T n-Heneicosane (C21)	13.533	5236887	27.258 ug/ml
13) T n-Docosane (C22)	14.121	5224184	27.063 ug/ml
14) T n-Tetracosane (C24)	15.230	12601250	63.624 ug/ml
15) T n-Hexacosane (C26)	16.251	5035578	25.382 ug/ml
16) T n-Octacosane (C28)	17.203	6207441	30.207 ug/mlm
17) T n-Tricontane (C30)	18.094	4752372	21.176 ug/ml
18) T n-Dotriacontane (C32)	18.927	4867896	20.853 ug/ml
19) T n-Tetratriacontane (C34)	19.713	4624523	21.652 ug/ml
20) T n-Hexatriacontane (C36)	20.455	4362667	23.439 ug/ml
21) T n-Octatriacontane (C38)	21.201	4364752	25.185 ug/ml
22) T n-Tetracontane (C40)	22.131	4392724	26.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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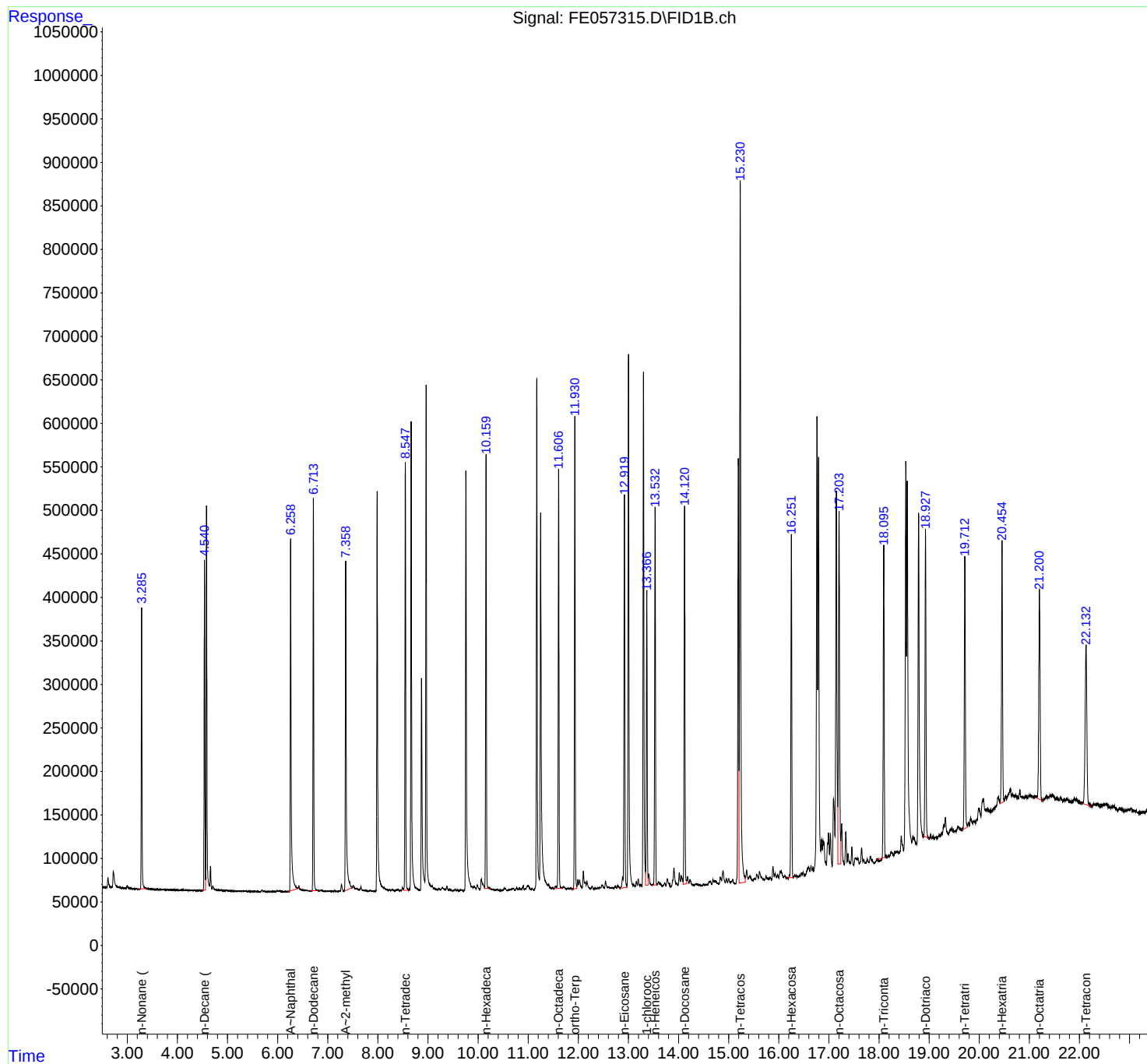
Instrument :
FID_E
ClientSampleId :
PL-01-12102025MSD

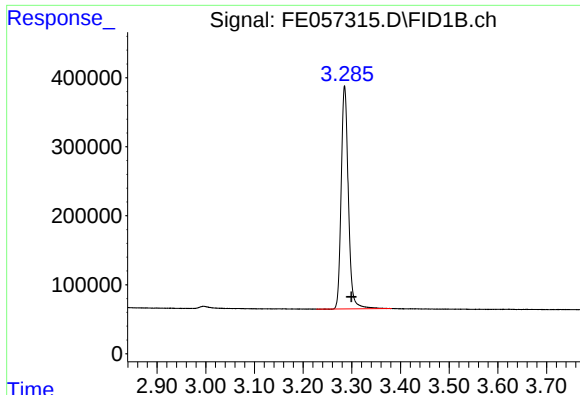
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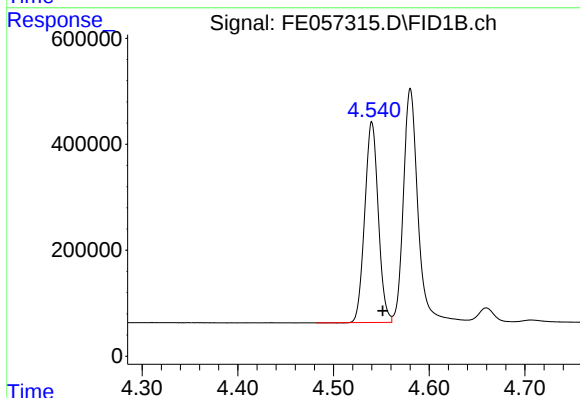
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.014 min
Response: 3310388
Conc: 16.92 ug/ml

Instrument :
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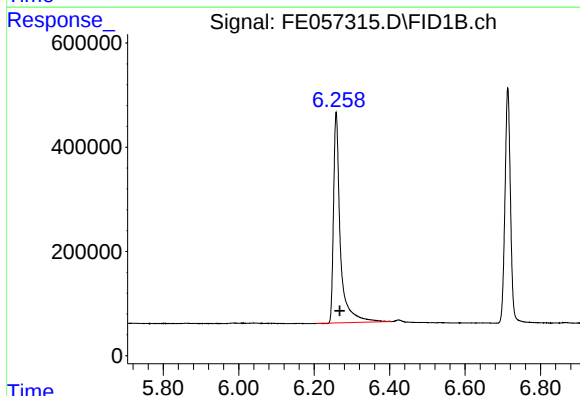
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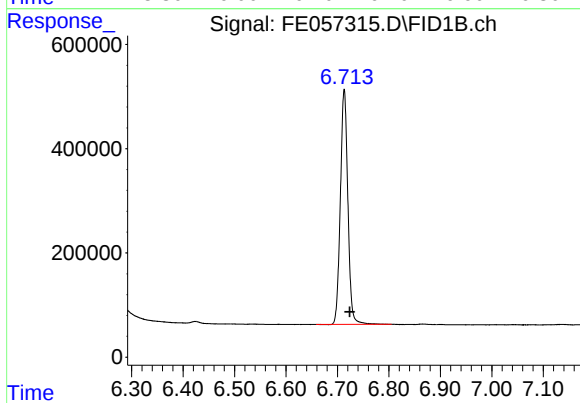
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.011 min
Response: 3706160
Conc: 18.32 ug/ml



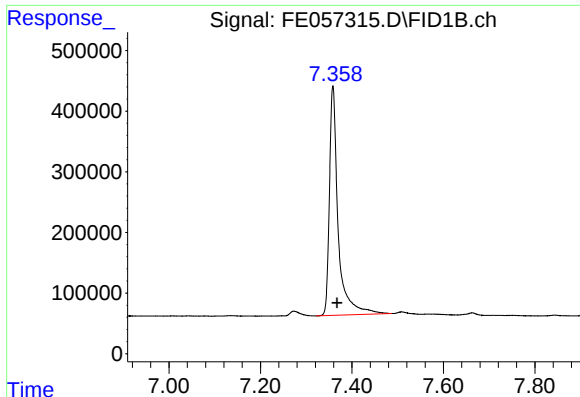
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 5090046
Conc: 25.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4562962
Conc: 22.36 ug/ml



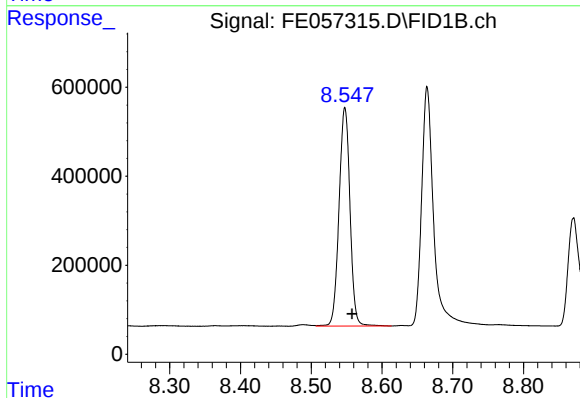
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 5031634
Conc: 26.19 ug/ml

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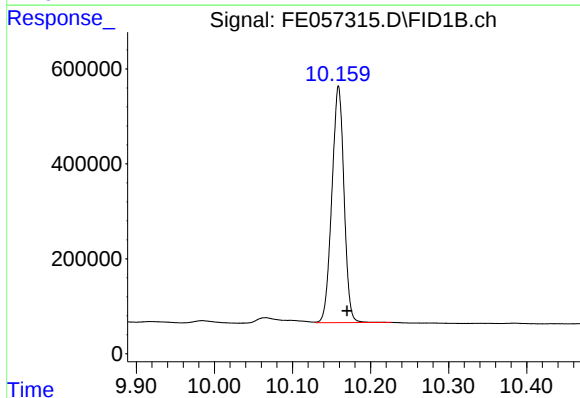
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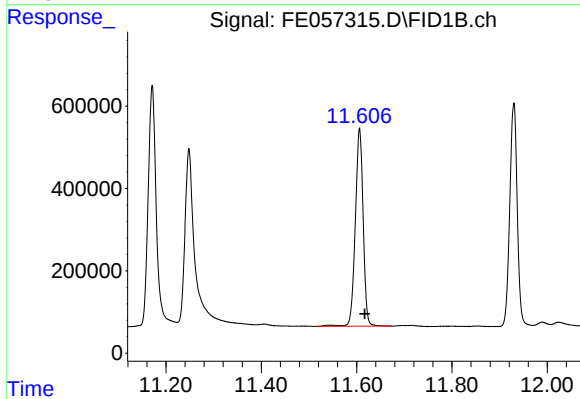
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.010 min
Response: 5279153
Conc: 26.23 ug/ml



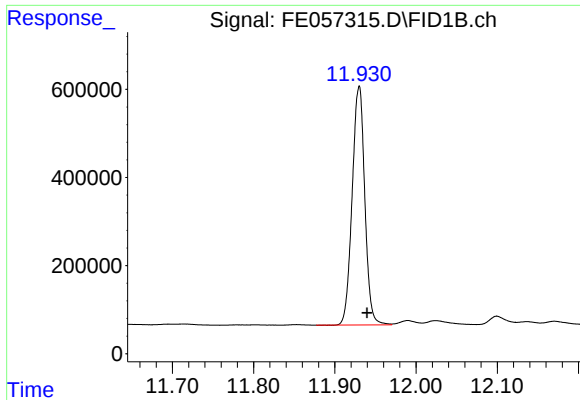
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 5394435
Conc: 26.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.011 min
Response: 5481842
Conc: 26.60 ug/ml



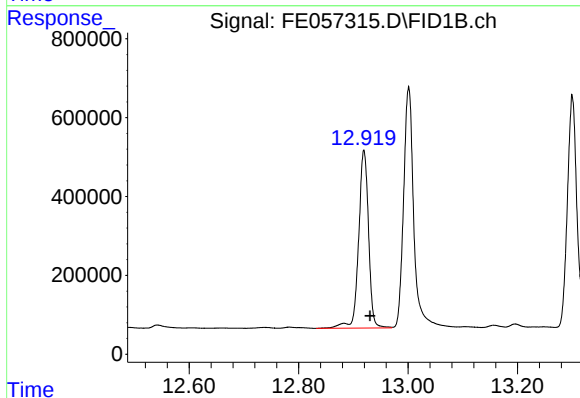
#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.010 min
Response: 5861126
Conc: 26.71 ug/ml

Instrument :
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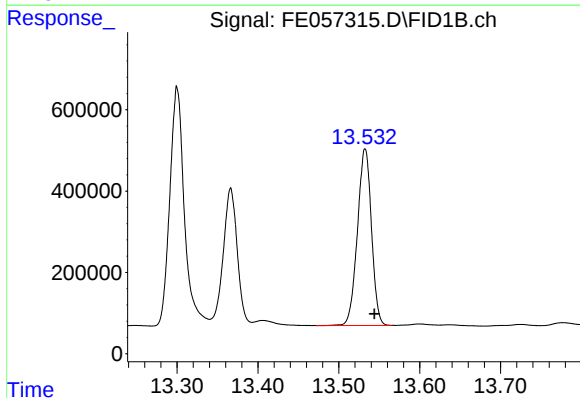
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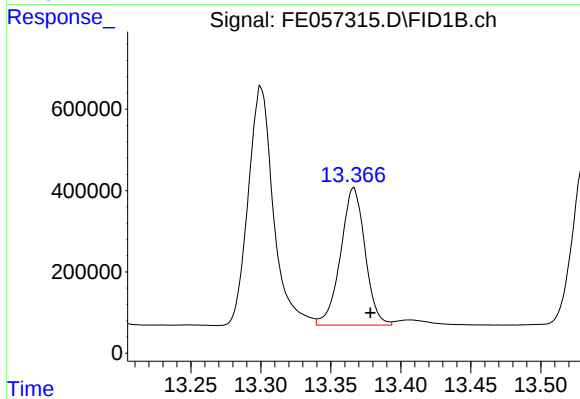
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.011 min
Response: 5691216
Conc: 28.93 ug/ml



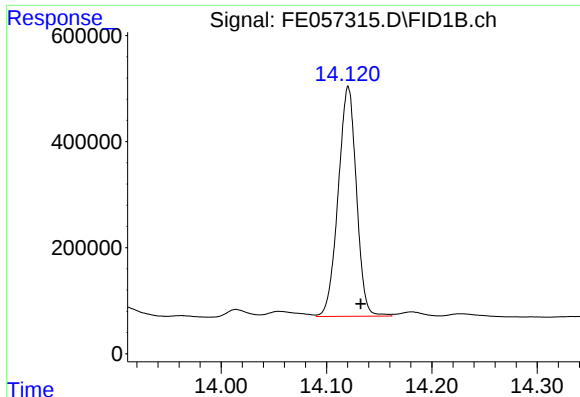
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.012 min
Response: 5236887
Conc: 27.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.012 min
Response: 4103576
Conc: 24.66 ug/ml



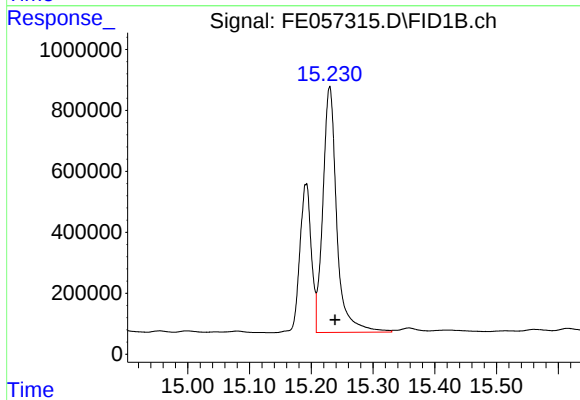
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: -0.012 min
Response: 5224184
Conc: 27.06 ug/ml

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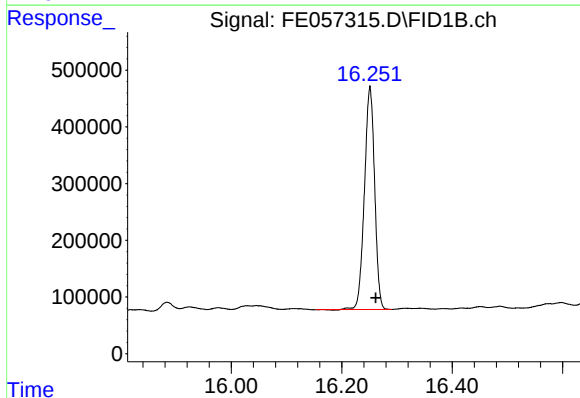
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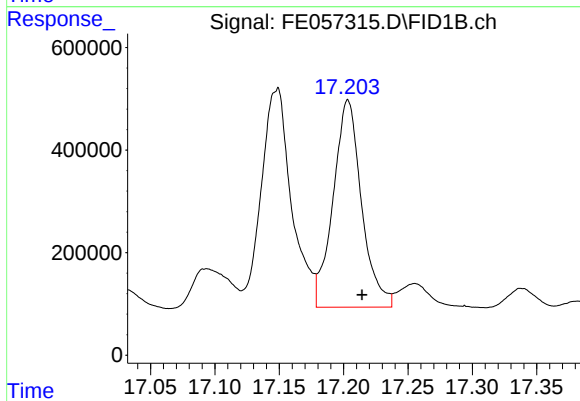
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.009 min
Response: 12601250
Conc: 63.62 ug/ml



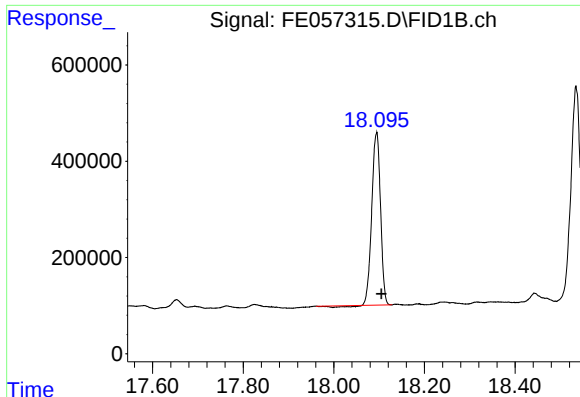
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 5035578
Conc: 25.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.011 min
Response: 6207441
Conc: 30.21 ug/ml m



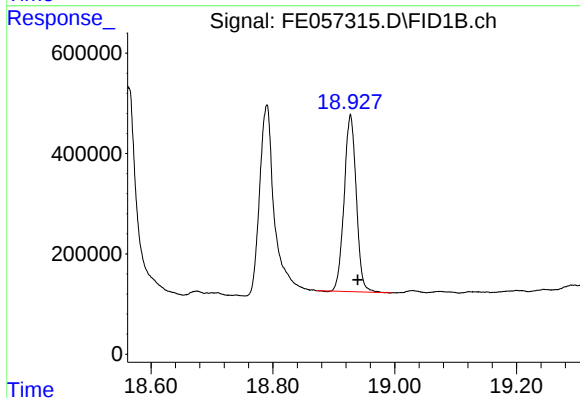
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 4752372
Conc: 21.18 ug/ml

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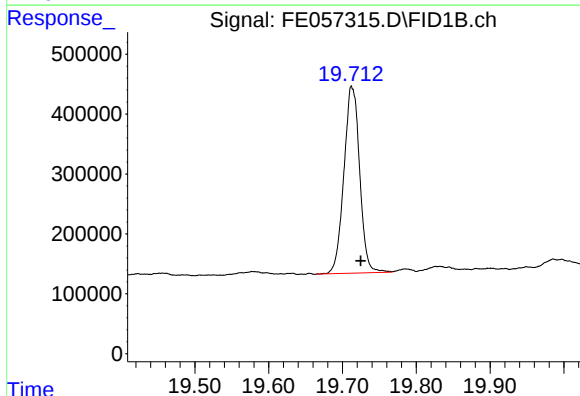
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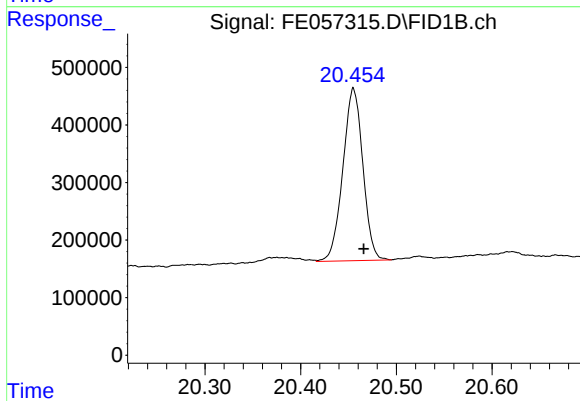
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.012 min
Response: 4867896
Conc: 20.85 ug/ml



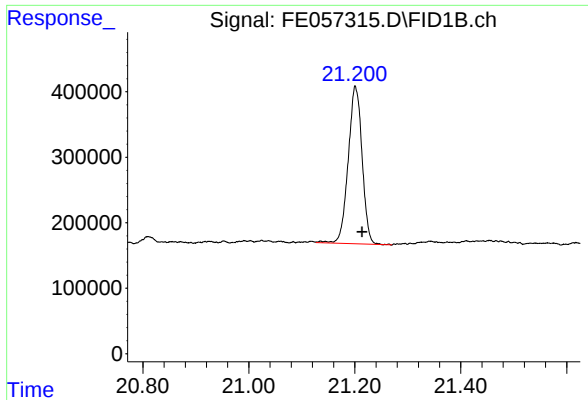
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 4624523
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 4362667
Conc: 23.44 ug/ml



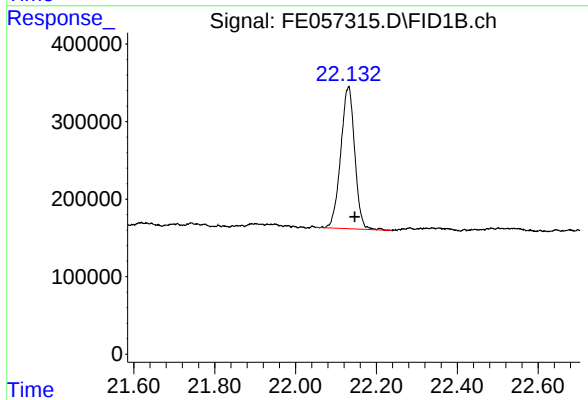
#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.012 min
Response: 4364752
Conc: 25.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.016 min
Response: 4392724
Conc: 26.07 ug/ml