

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057248.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 14:55
 Operator : YP\AJ
 Sample : Q3795-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RBR 200059MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2025
 Supervised By :mohammad ahmed 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 00:18:59 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)	11.932	6653691	30.321 ug/ml
Spiked Amount 50.000		Recovery =	60.64%
12) S 1-chlorooctadecane (S...	13.369	4649105	27.935 ug/ml
Spiked Amount 50.000		Recovery =	55.87%
Target Compounds			
1) T n-Nonane (C9)	3.288	3134176	16.022 ug/ml
2) T n-Decane (C10)	4.543	3601115	17.804 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4853497	24.107 ug/ml
4) T n-Dodecane (C12)	6.715	4306840	21.102 ug/ml
5) T A~2-methylnaphthalene...	7.360	4743419	24.686 ug/ml
6) T n-Tetradecane (C14)	8.550	4907364	24.381 ug/ml
7) T n-Hexadecane (C16)	10.161	5280888	25.751 ug/ml
8) T n-Octadecane (C18)	11.608	5334437	25.881 ug/ml
10) T n-Eicosane (C20)	12.921	5361407	27.255 ug/ml
11) T n-Heneicosane (C21)	13.535	5247302	27.312 ug/ml
13) T n-Docosane (C22)	14.123	5210125	26.990 ug/ml
14) T n-Tetracosane (C24)	15.231	11853899	59.851 ug/ml
15) T n-Hexacosane (C26)	16.253	5037603	25.392 ug/ml
16) T n-Octacosane (C28)	17.204	6532151	31.787 ug/mlm
17) T n-Tricontane (C30)	18.095	4919093	21.919 ug/ml
18) T n-Dotriacontane (C32)	18.928	4652501	19.931 ug/ml
19) T n-Tetratriacontane (C34)	19.714	4552139	21.313 ug/ml
20) T n-Hexatriacontane (C36)	20.456	4385509	23.561 ug/ml
21) T n-Octatriacontane (C38)	21.201	4459133	25.730 ug/ml
22) T n-Tetracontane (C40)	22.128	4465248	26.498 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q3795-05MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

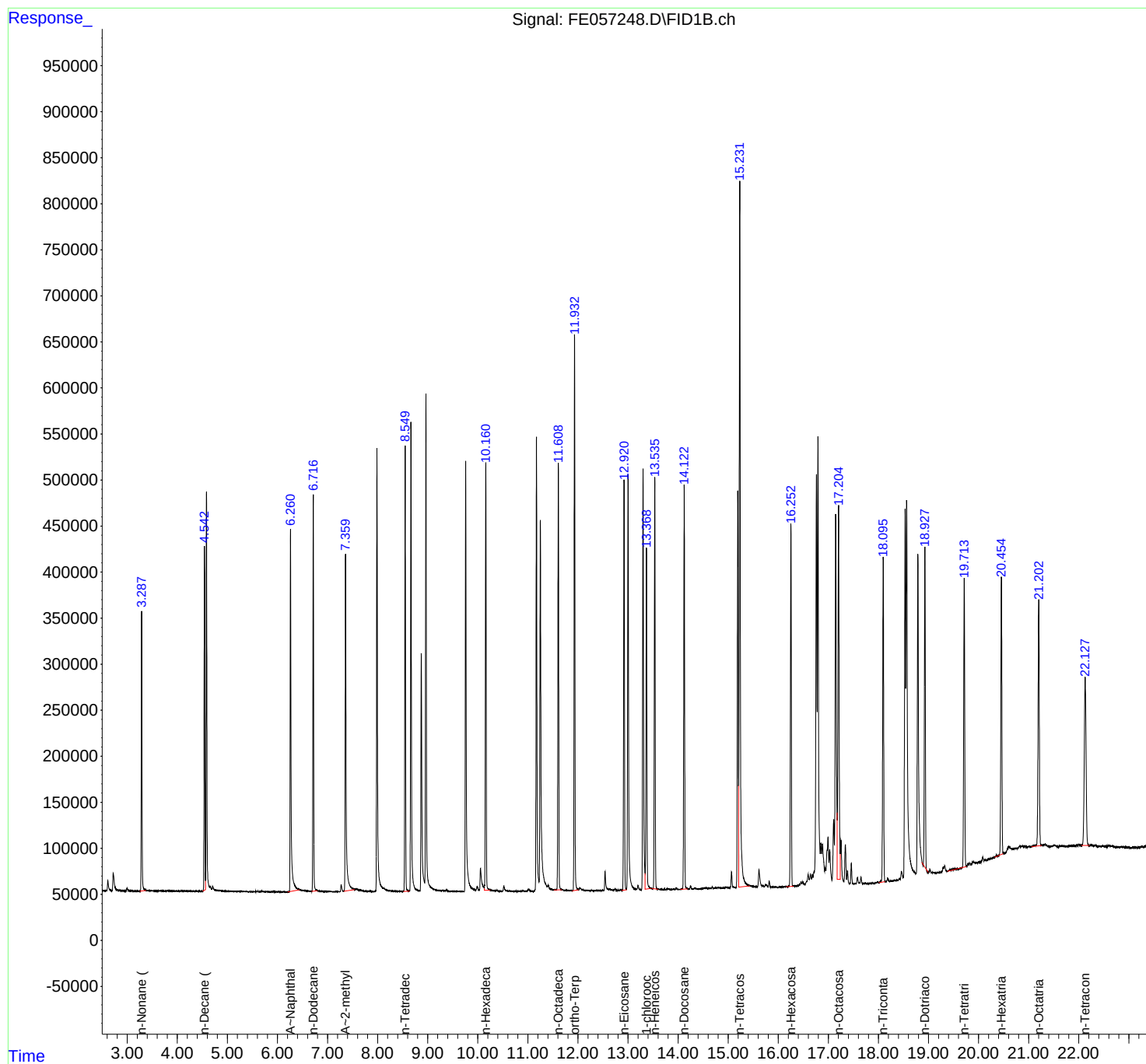
Instrument :
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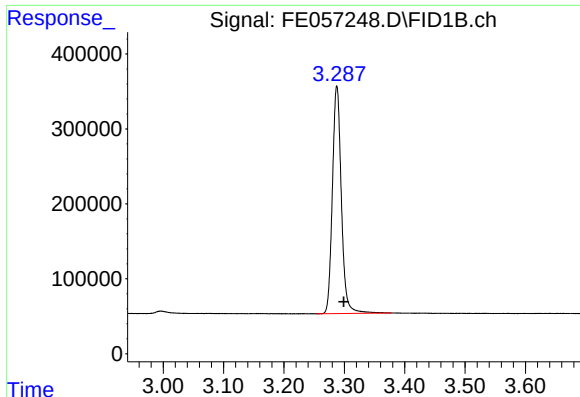
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 3134176
Conc: 16.02 ug/ml

Instrument :

FID_E

ClientSampleId :

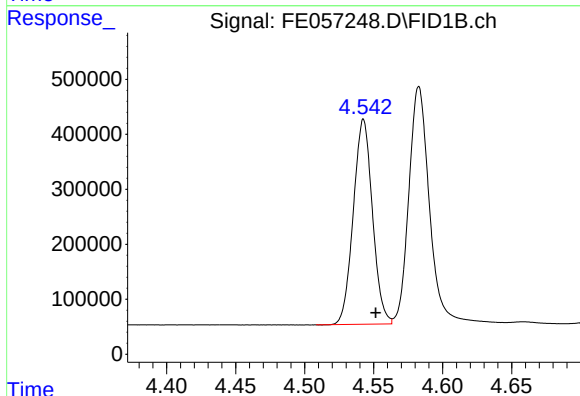
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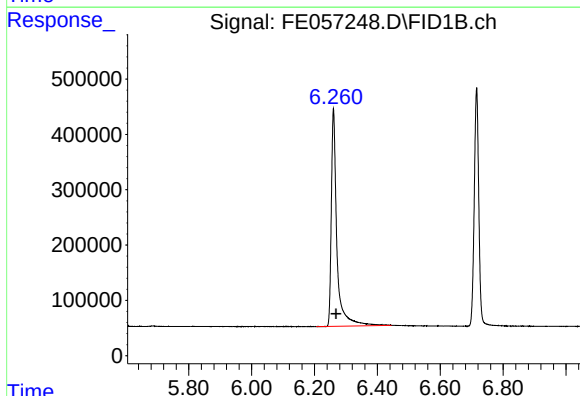
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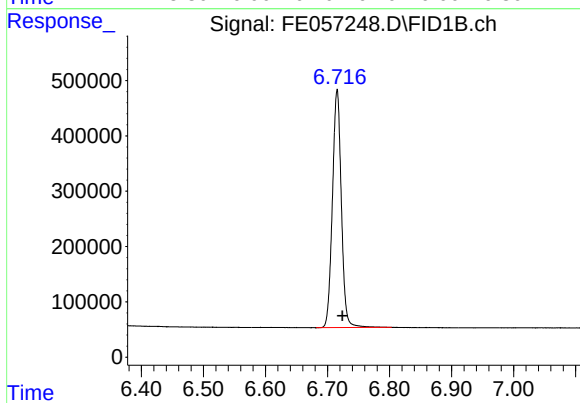
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 3601115
Conc: 17.80 ug/ml



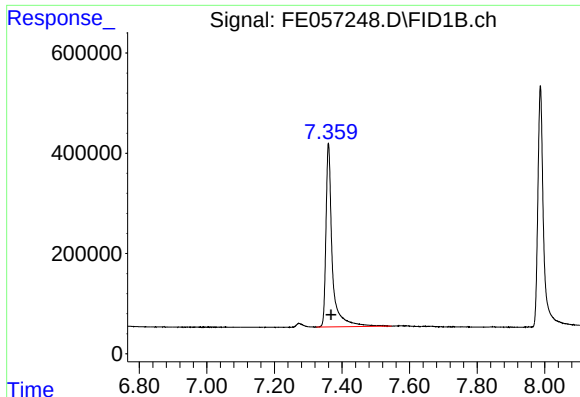
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4853497
Conc: 24.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 4306840
Conc: 21.10 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 4743419
Conc: 24.69 ug/ml

Instrument :

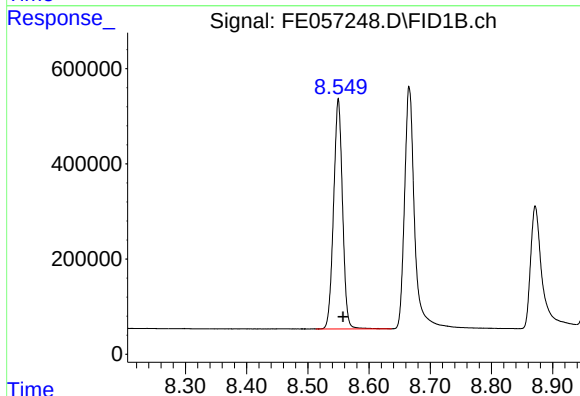
FID_E

ClientSampleId :

RBR 200059MSD

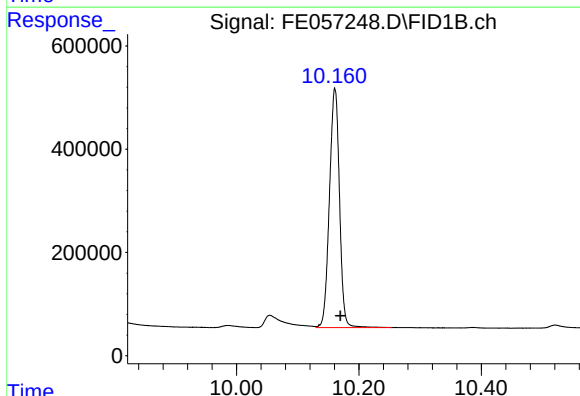
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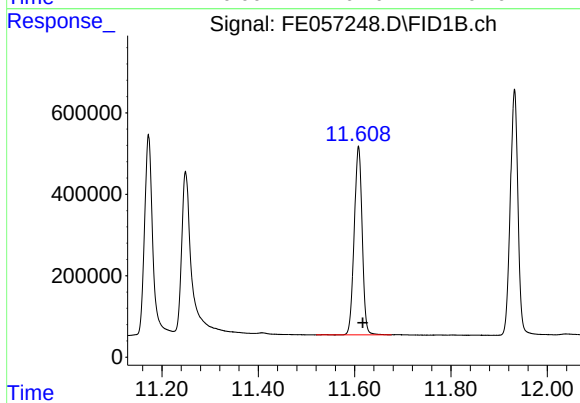
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 4907364
Conc: 24.38 ug/ml



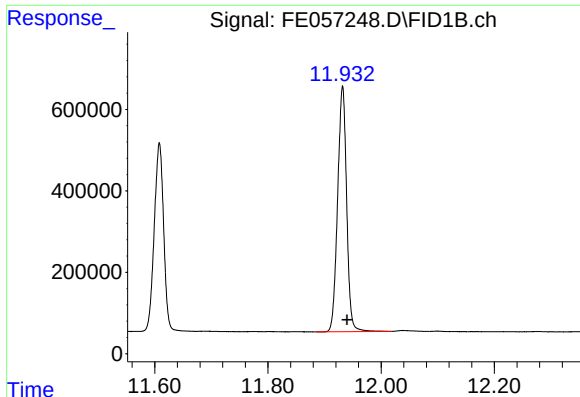
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 5280888
Conc: 25.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.009 min
Response: 5334437
Conc: 25.88 ug/ml



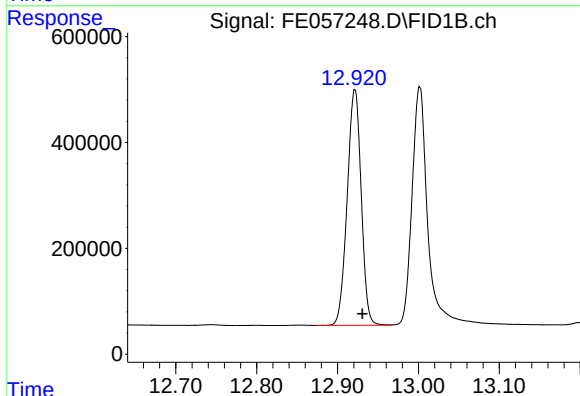
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 6653691
Conc: 30.32 ug/ml

Instrument :
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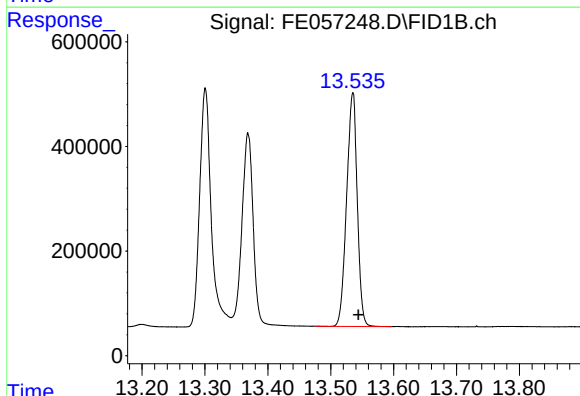
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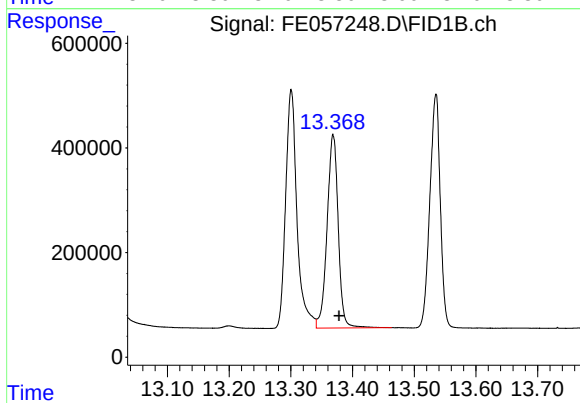
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 5361407
Conc: 27.26 ug/ml



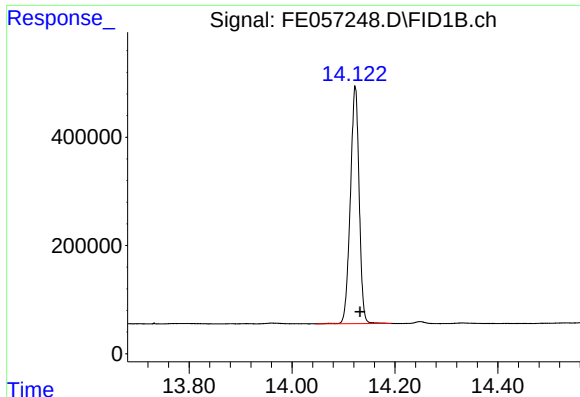
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 5247302
Conc: 27.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.010 min
Response: 4649105
Conc: 27.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.010 min
Response: 5210125
Conc: 26.99 ug/ml

Instrument :

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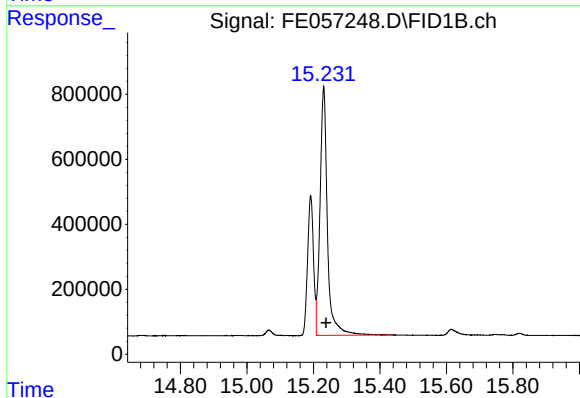
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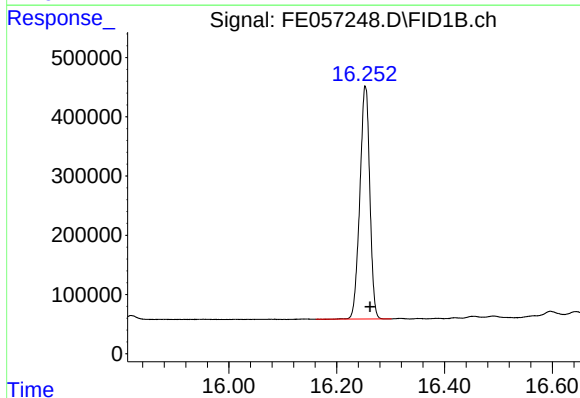
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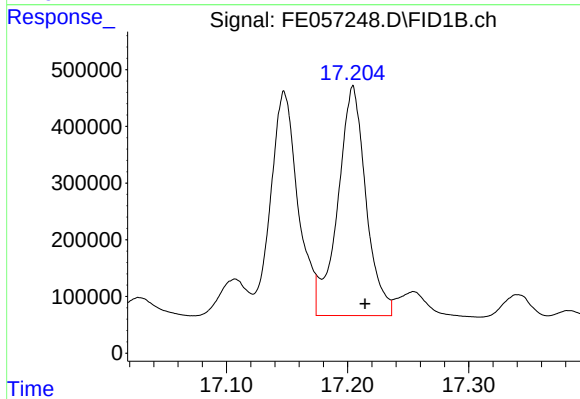
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.008 min
Response: 11853899
Conc: 59.85 ug/ml



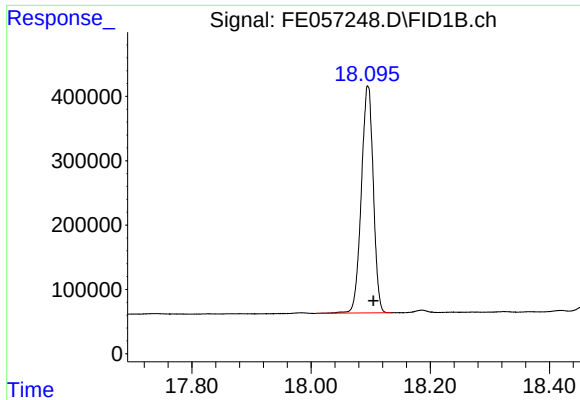
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 5037603
Conc: 25.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.010 min
Response: 6532151
Conc: 31.79 ug/ml m



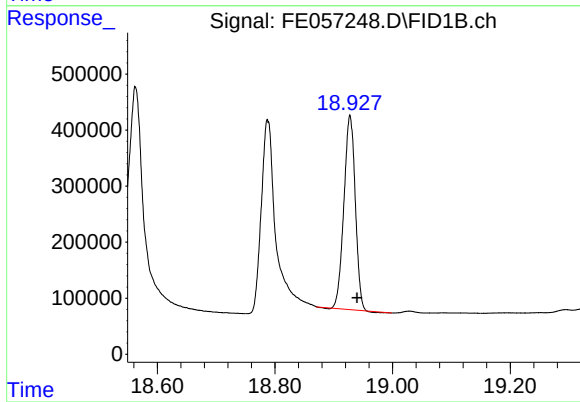
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 4919093
Conc: 21.92 ug/ml

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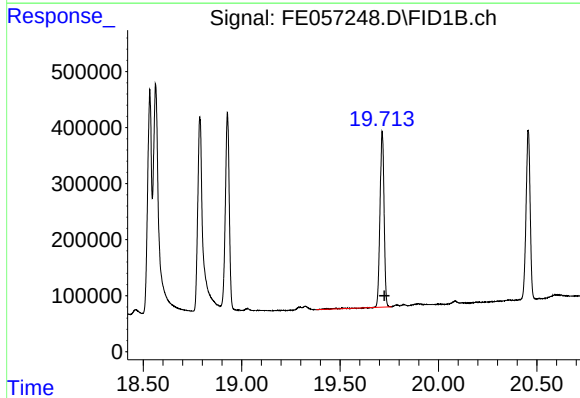
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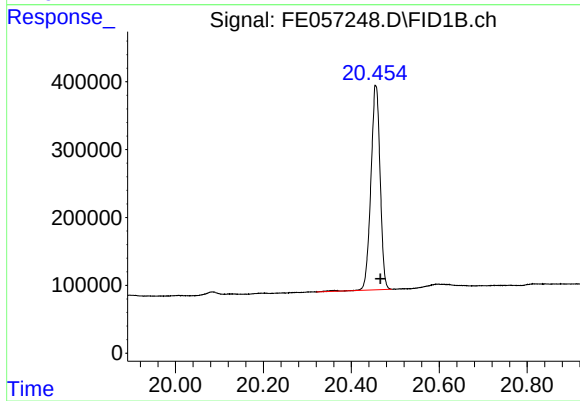
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.012 min
Response: 4652501
Conc: 19.93 ug/ml



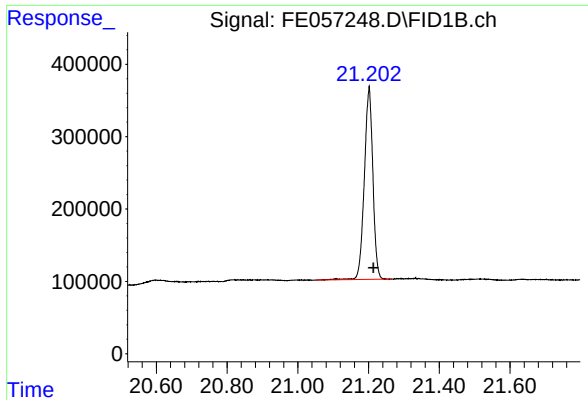
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 4552139
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 4385509
Conc: 23.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 4459133
Conc: 25.73 ug/ml

Instrument :

FID_E

ClientSampleId :

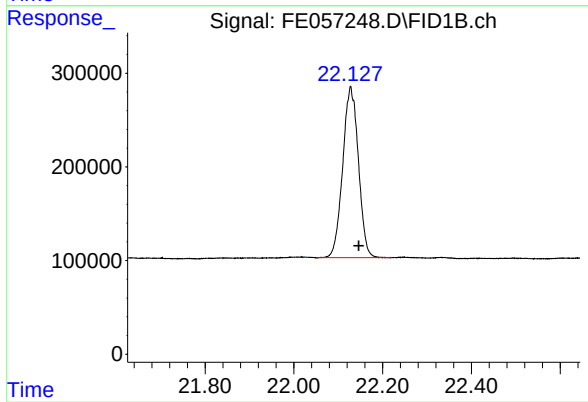
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.019 min
Response: 4465248
Conc: 26.50 ug/ml