

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057350.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 23:25
 Operator : YP\AJ
 Sample : Q3862-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP02-MH09-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: sample.E
 Quant Time: Dec 16 03:42:39 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)	11.928	7239709	32.991 ug/ml
Spiked Amount 50.000		Recovery =	65.98%
12) S 1-chlorooctadecane (S...	13.365	5012795	30.120 ug/ml
Spiked Amount 50.000		Recovery =	60.24%
Target Compounds			
1) T n-Nonane (C9)	3.286	3648971	18.654 ug/ml
2) T n-Decane (C10)	4.540	4161616	20.576 ug/ml
3) T A~Naphthalene (C11.7)	6.258	5588018	27.756 ug/ml
4) T n-Dodecane (C12)	6.713	4886755	23.943 ug/ml
5) T A~2-methylnaphthalene...	7.358	5379497	27.996 ug/ml
6) T n-Tetradecane (C14)	8.547	5505578	27.353 ug/ml
7) T n-Hexadecane (C16)	10.158	5986119	29.190 ug/ml
8) T n-Octadecane (C18)	11.605	6144202	29.810 ug/ml
10) T n-Eicosane (C20)	12.917	6165543	31.343 ug/ml
11) T n-Heneicosane (C21)	13.531	6055841	31.521 ug/ml
13) T n-Docosane (C22)	14.119	6025969	31.216 ug/ml
14) T n-Tetracosane (C24)	15.227	13772197	69.537 ug/ml
15) T n-Hexacosane (C26)	16.249	5854978	29.512 ug/ml
16) T n-Octacosane (C28)	17.200	7806320	37.987 ug/mlm
17) T n-Tricontane (C30)	18.091	5727218	25.519 ug/ml
18) T n-Dotriacontane (C32)	18.923	5487942	23.509 ug/mlm
19) T n-Tetratriacontane (C34)	19.709	5172545	24.218 ug/ml
20) T n-Hexatriacontane (C36)	20.450	4944015	26.562 ug/ml
21) T n-Octatriacontane (C38)	21.196	5060250	29.198 ug/ml
22) T n-Tetracontane (C40)	22.120	5116306	30.361 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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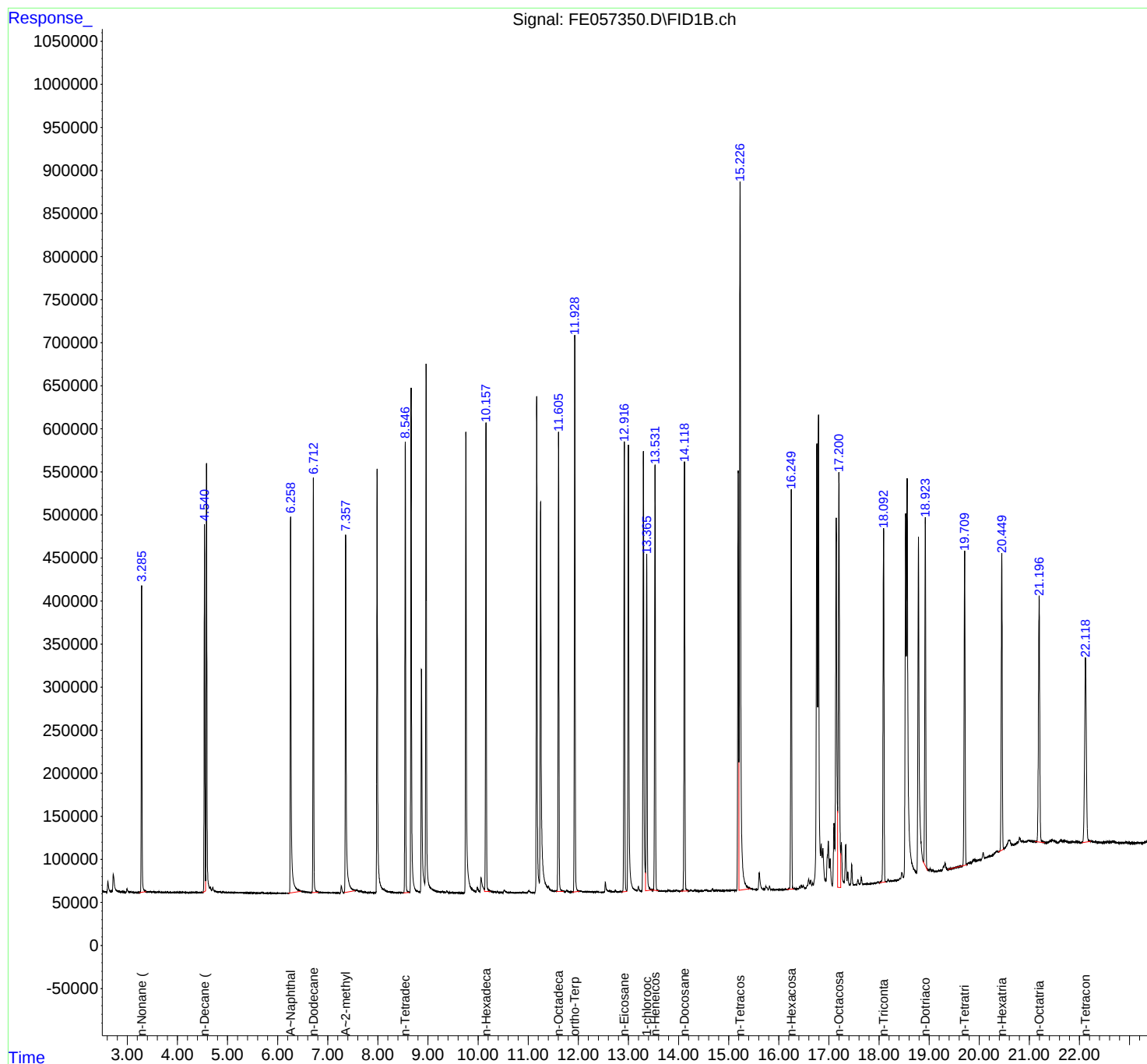
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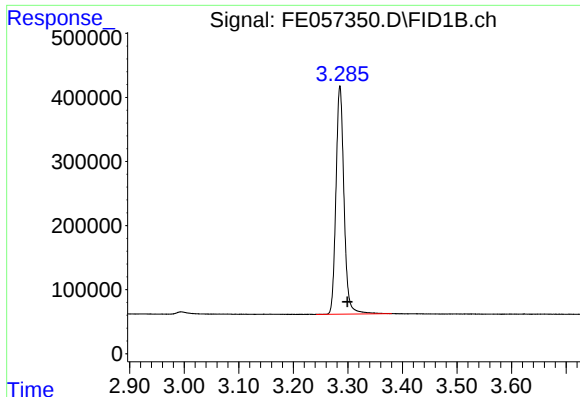
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#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.013 min
Response: 3648971
Conc: 18.65 ug/ml

Instrument :

FID_E

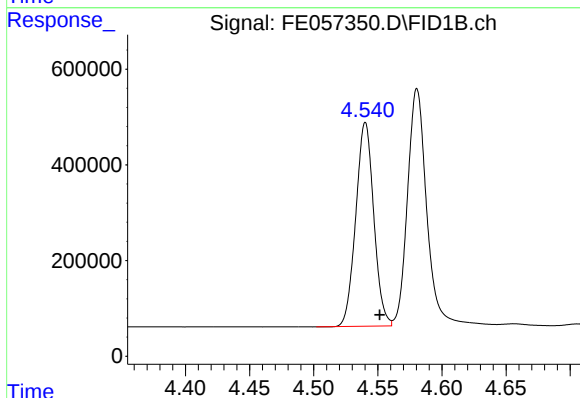
ClientSampleId :

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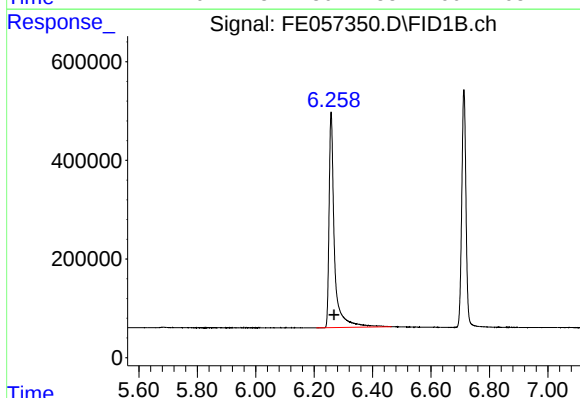
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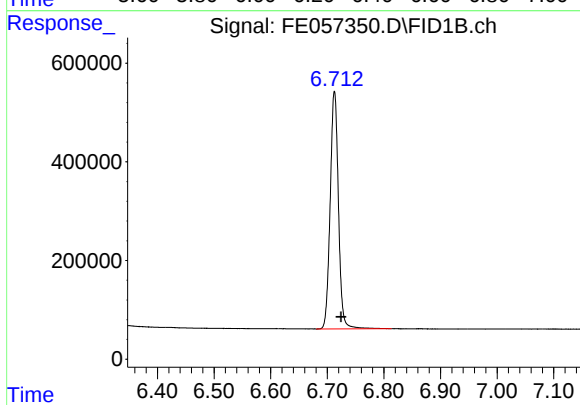
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.011 min
Response: 4161616
Conc: 20.58 ug/ml



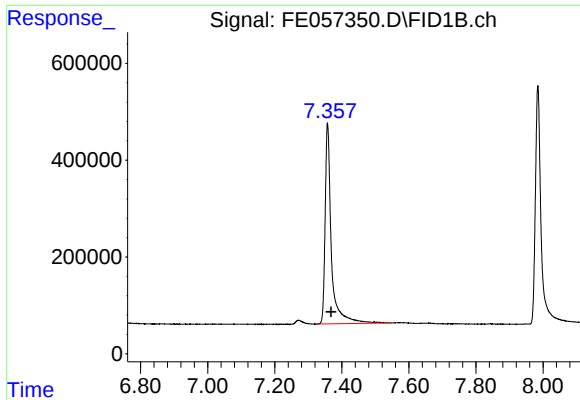
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.010 min
Response: 5588018
Conc: 27.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4886755
Conc: 23.94 ug/ml



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

R.T.: 7.358 min
Delta R.T.: -0.010 min
Response: 5379497
Conc: 28.00 ug/ml

Instrument :

FID_E

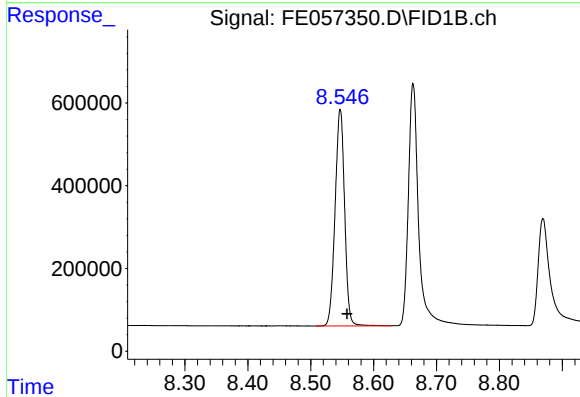
ClientSampleId :

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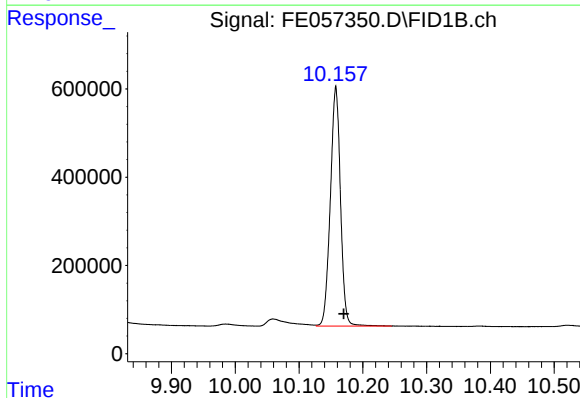
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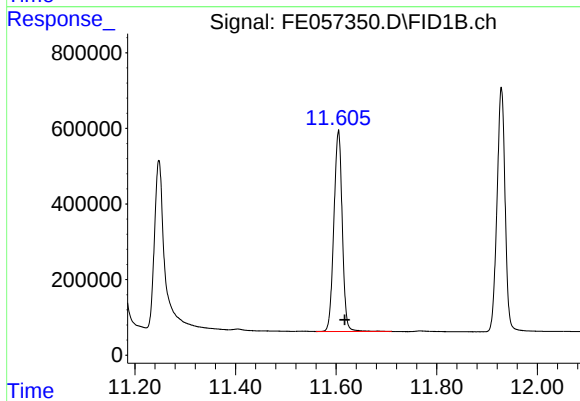
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.011 min
Response: 5505578
Conc: 27.35 ug/ml



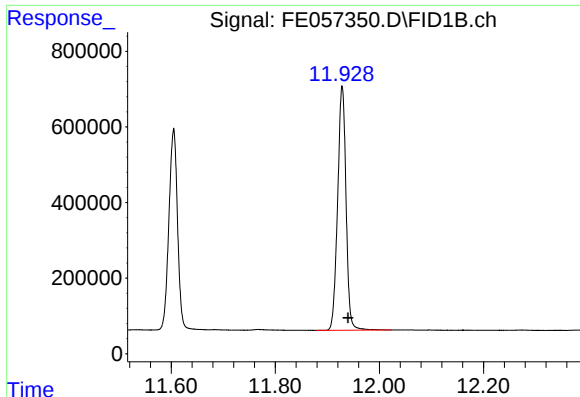
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 5986119
Conc: 29.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: -0.012 min
Response: 6144202
Conc: 29.81 ug/ml



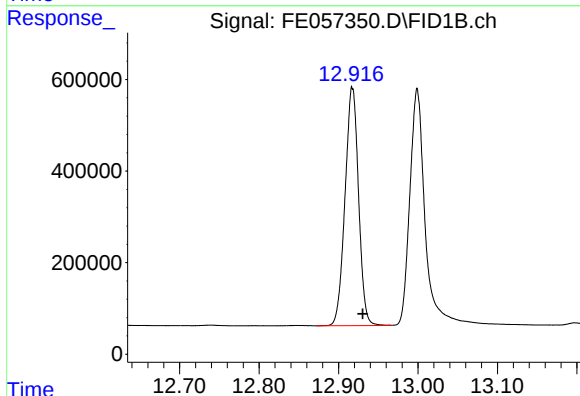
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.011 min
Response: 7239709
Conc: 32.99 ug/ml

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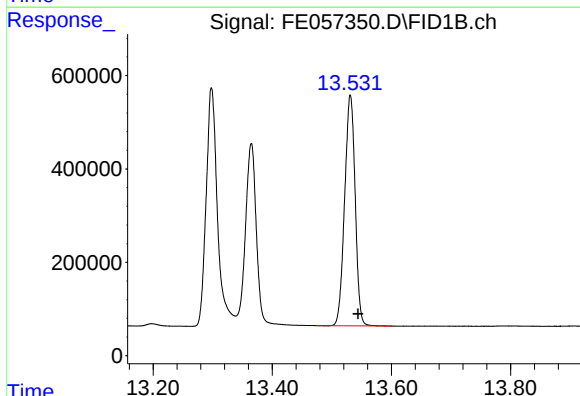
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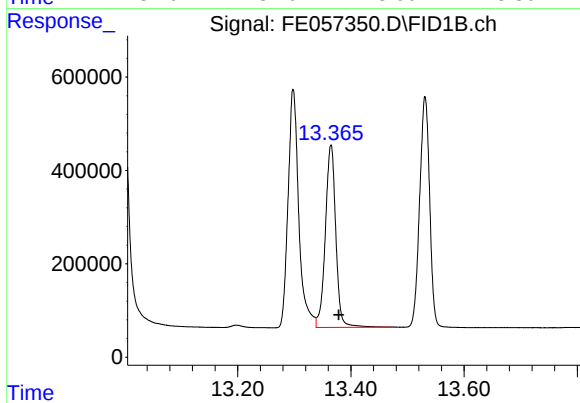
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.013 min
Response: 6165543
Conc: 31.34 ug/ml



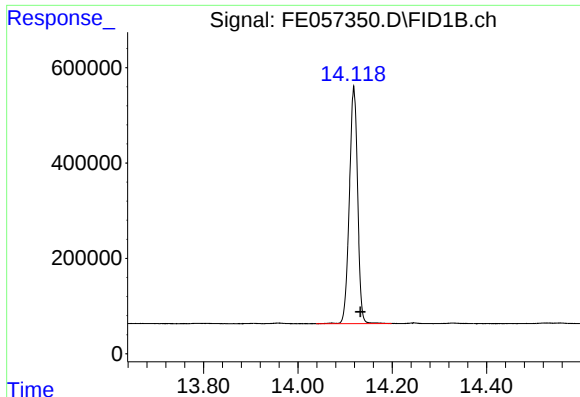
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.013 min
Response: 6055841
Conc: 31.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: -0.014 min
Response: 5012795
Conc: 30.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.014 min
Response: 6025969
Conc: 31.22 ug/ml

Instrument :

FID_E

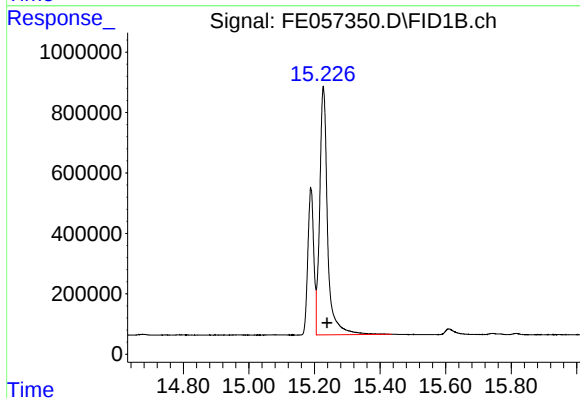
ClientSampleId :

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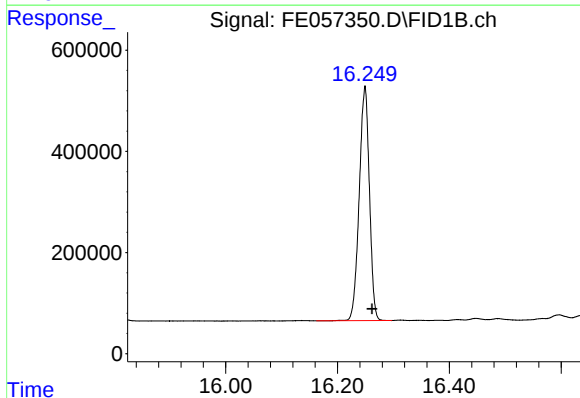
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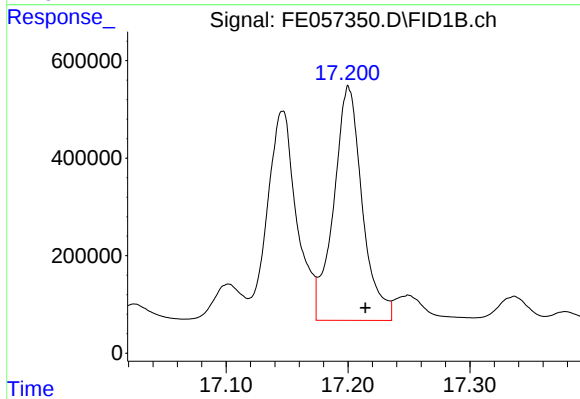
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 13772197
Conc: 69.54 ug/ml



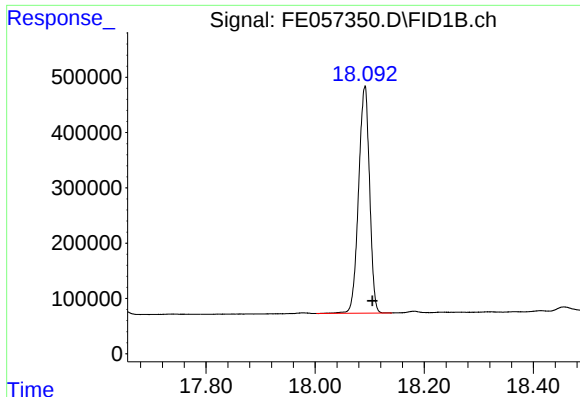
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 5854978
Conc: 29.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.015 min
Response: 7806320
Conc: 37.99 ug/ml m



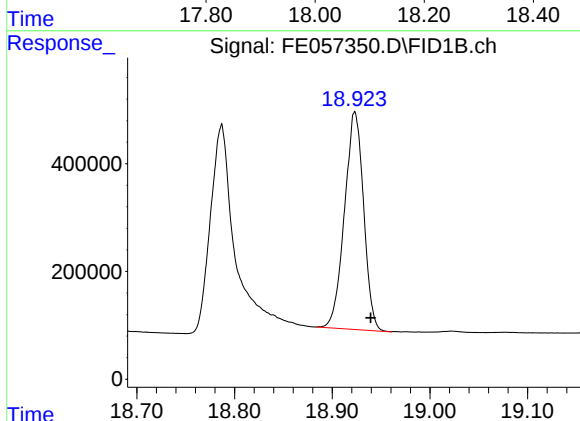
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.014 min
Response: 5727218
Conc: 25.52 ug/ml

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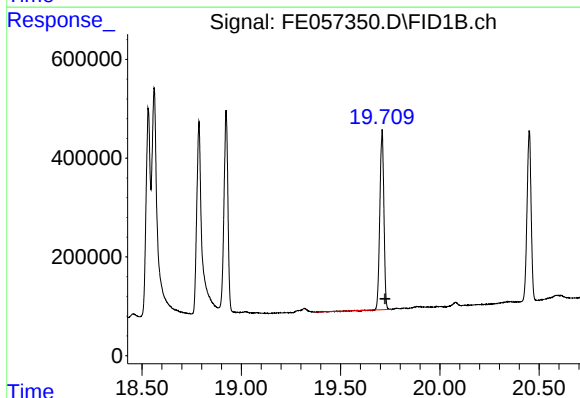
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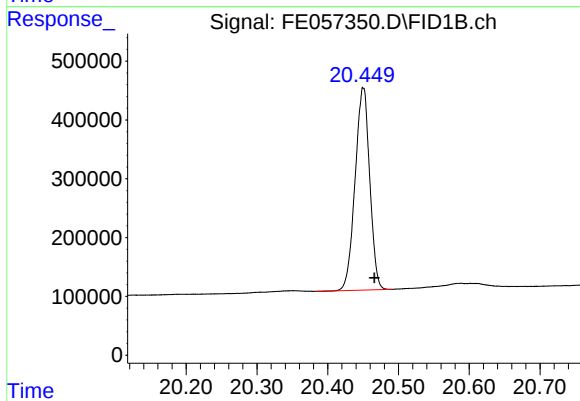
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.017 min
Response: 5487942
Conc: 23.51 ug/ml m



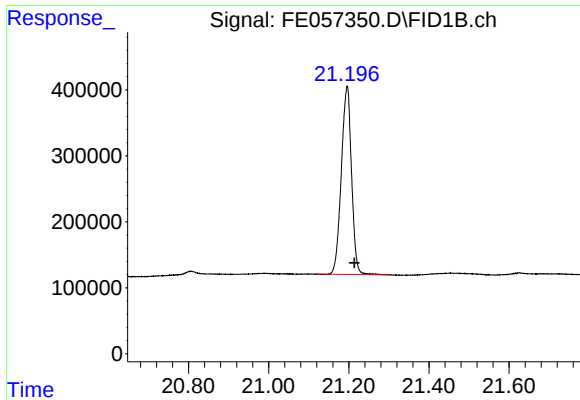
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.016 min
Response: 5172545
Conc: 24.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.016 min
Response: 4944015
Conc: 26.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 5060250
Conc: 29.20 ug/ml

Instrument :

FID_E

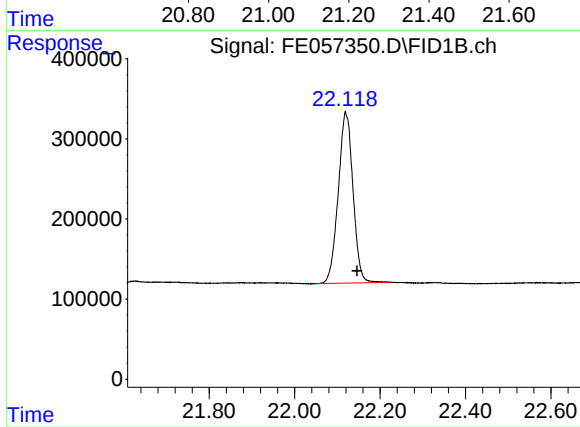
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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.027 min
Response: 5116306
Conc: 30.36 ug/ml