

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121525AL\
 Data File : FE057345.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2025 20:54
 Operator : YP\AJ
 Sample : PB170942BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170942BS

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 03:40:17 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)	11.929	6852893	31.229 ug/ml
Spiked Amount 50.000		Recovery =	62.46%
12) S 1-chlorooctadecane (S...	13.365	4844219	29.107 ug/ml
Spiked Amount 50.000		Recovery =	58.21%
Target Compounds			
1) T n-Nonane (C9)	3.297	5451172	27.867 ug/ml
2) T n-Decane (C10)	4.546	5636884	27.870 ug/ml
3) T A~Naphthalene (C11.7)	6.261	7137124	35.450 ug/ml
4) T n-Dodecane (C12)	6.715	6072352	29.752 ug/ml
5) T A~2-methylnaphthalene...	7.359	6420952	33.416 ug/ml
6) T n-Tetradecane (C14)	8.548	6139655	30.503 ug/ml
7) T n-Hexadecane (C16)	10.158	5998825	29.252 ug/ml
8) T n-Octadecane (C18)	11.605	5940707	28.823 ug/ml
10) T n-Eicosane (C20)	12.918	5914669	30.068 ug/ml
11) T n-Heneicosane (C21)	13.531	5820271	30.294 ug/ml
13) T n-Docosane (C22)	14.119	5732589	29.696 ug/ml
14) T n-Tetracosane (C24)	15.228	13358907	67.450 ug/ml
15) T n-Hexacosane (C26)	16.249	5590802	28.181 ug/ml
16) T n-Octacosane (C28)	17.201	7499178	36.492 ug/mlm
17) T n-Tricontane (C30)	18.091	5464633	24.349 ug/ml
18) T n-Dotriacontane (C32)	18.924	5288888	22.657 ug/mlm
19) T n-Tetratriacontane (C34)	19.709	5108795	23.919 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5288163	28.411 ug/ml
21) T n-Octatriacontane (C38)	21.196	5403075	31.176 ug/ml
22) T n-Tetracontane (C40)	22.123	5796064	34.395 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB170942BS
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ALS Vial : 21 Sample Multiplier: 1

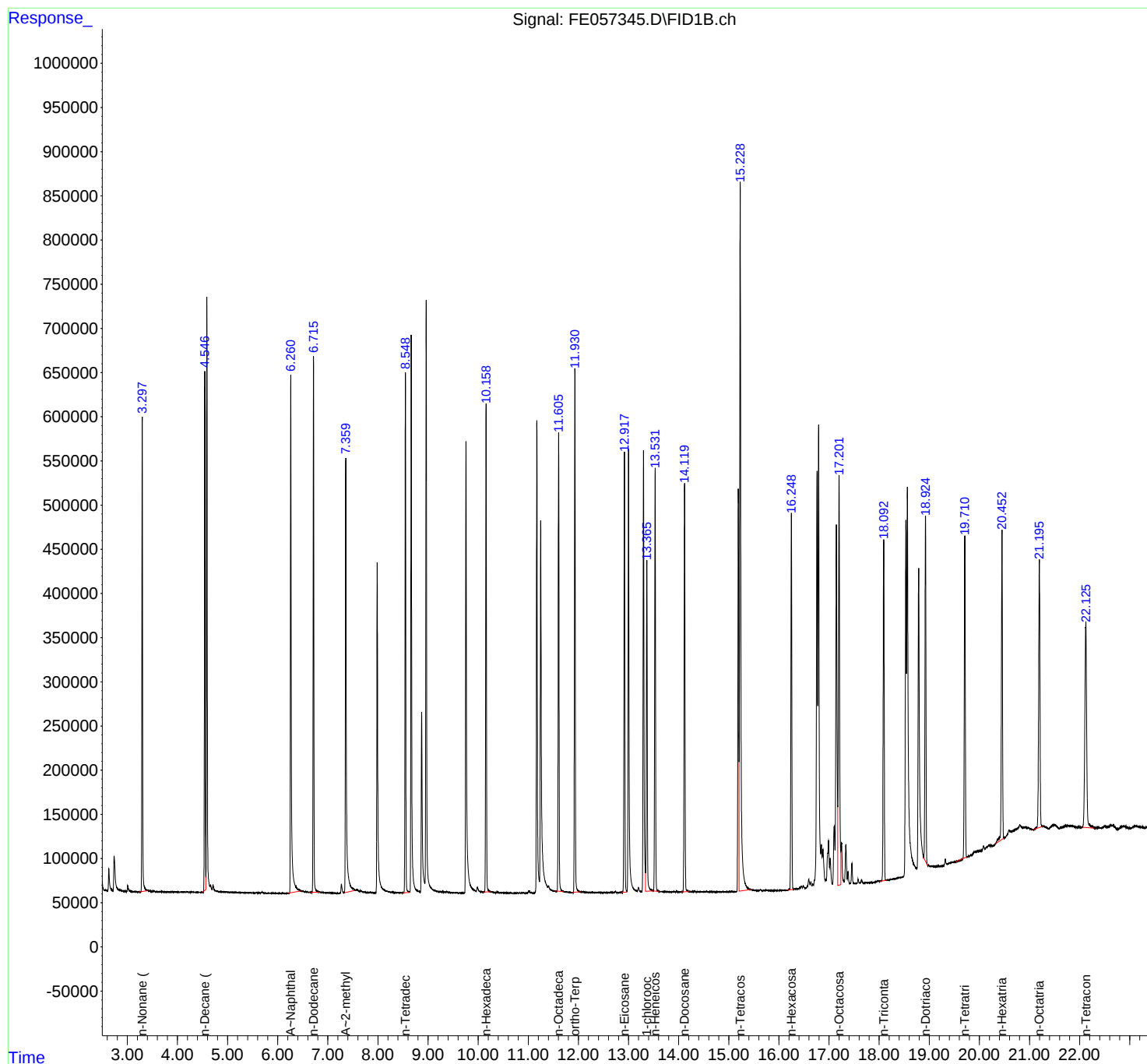
Instrument :
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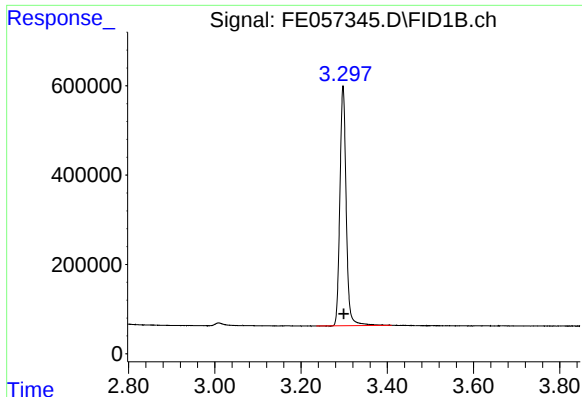
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#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 5451172
Conc: 27.87 ug/ml

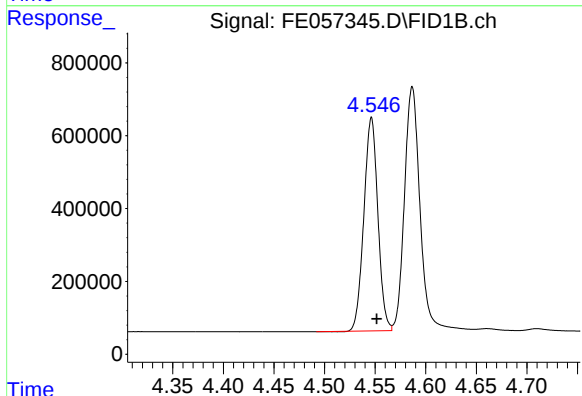
Instrument :

FID_E

ClientSampleId :
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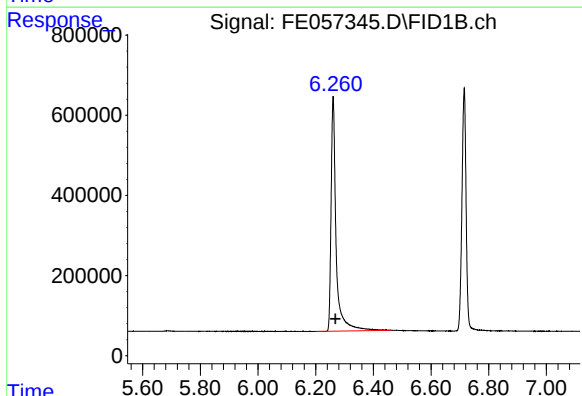
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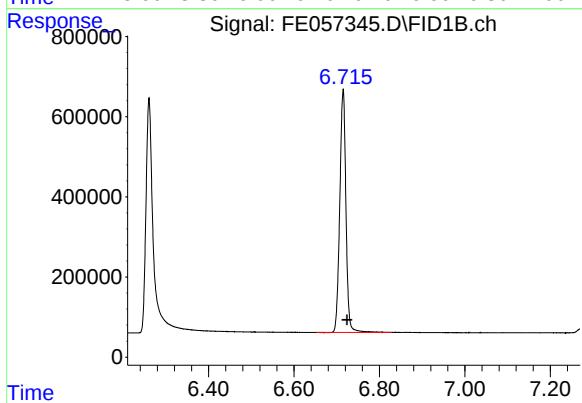
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 5636884
Conc: 27.87 ug/ml



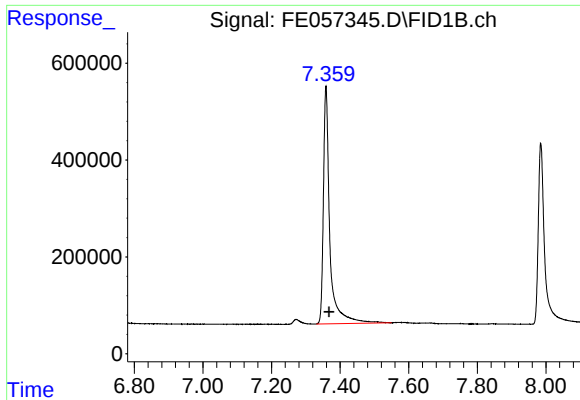
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 7137124
Conc: 35.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 6072352
Conc: 29.75 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 6420952
Conc: 33.42 ug/ml

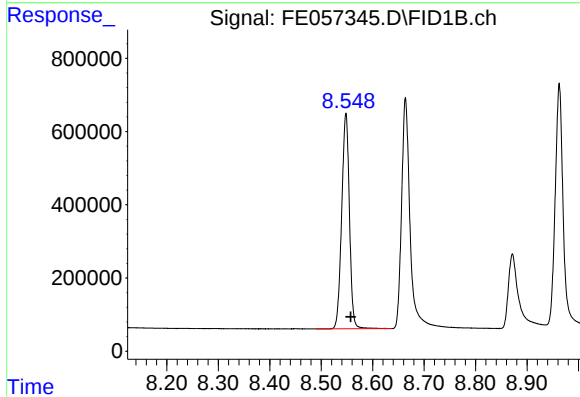
Instrument :

FID_E

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PB170942BS

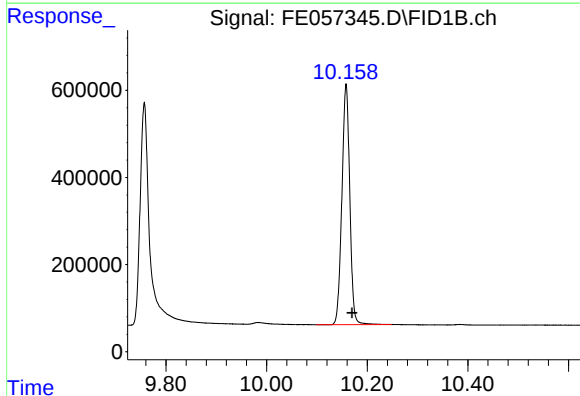
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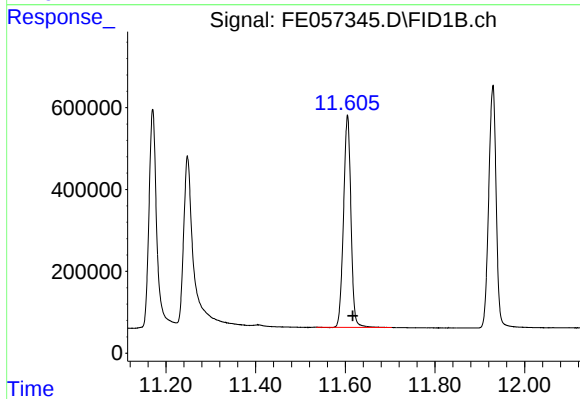
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.010 min
Response: 6139655
Conc: 30.50 ug/ml



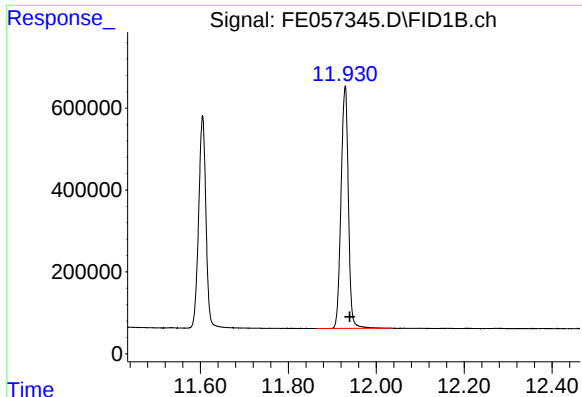
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 5998825
Conc: 29.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: -0.012 min
Response: 5940707
Conc: 28.82 ug/ml



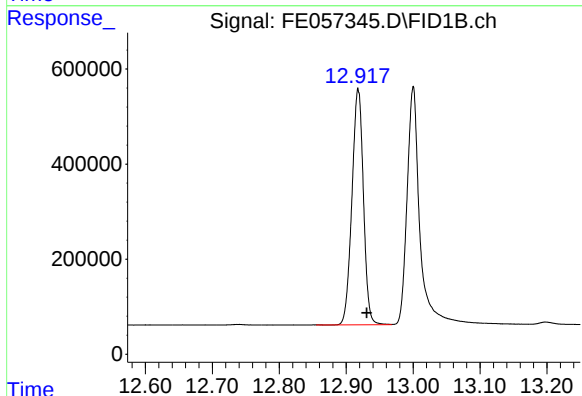
#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: -0.011 min
Response: 6852893
Conc: 31.23 ug/ml

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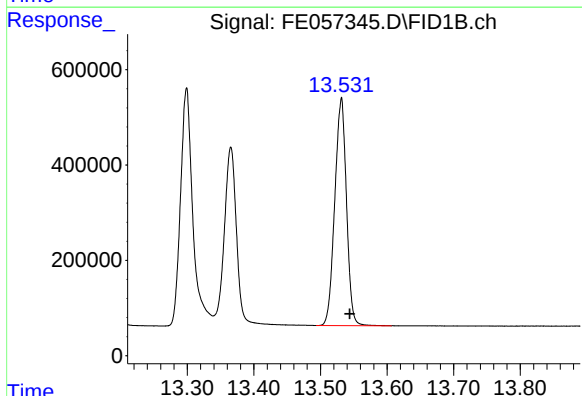
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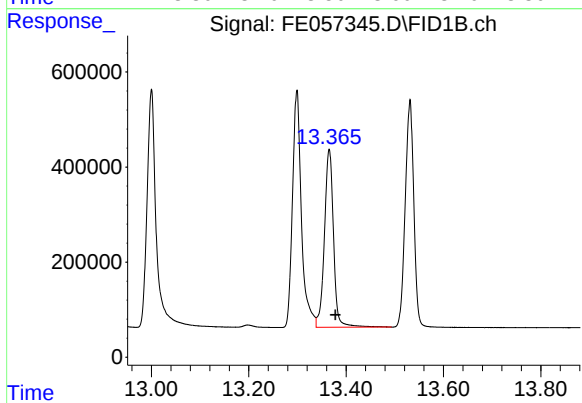
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.013 min
Response: 5914669
Conc: 30.07 ug/ml



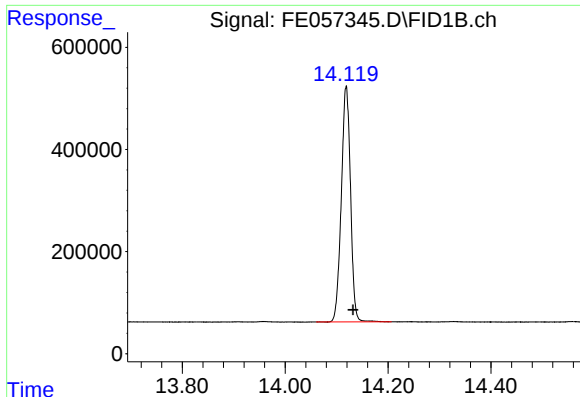
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.013 min
Response: 5820271
Conc: 30.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: -0.013 min
Response: 4844219
Conc: 29.11 ug/ml



#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.014 min
Response: 5732589
Conc: 29.70 ug/ml

Instrument :

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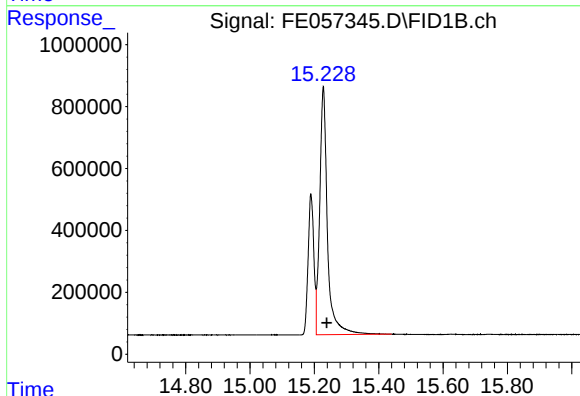
ClientSampleId :

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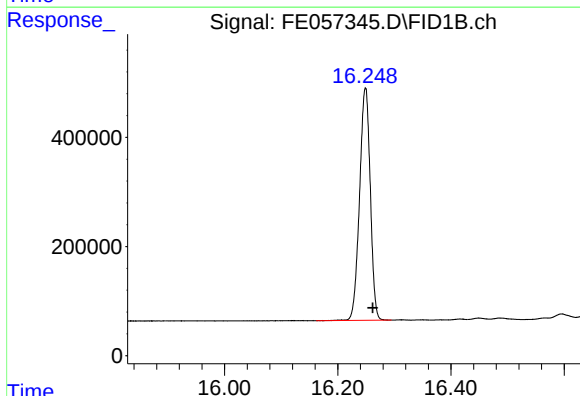
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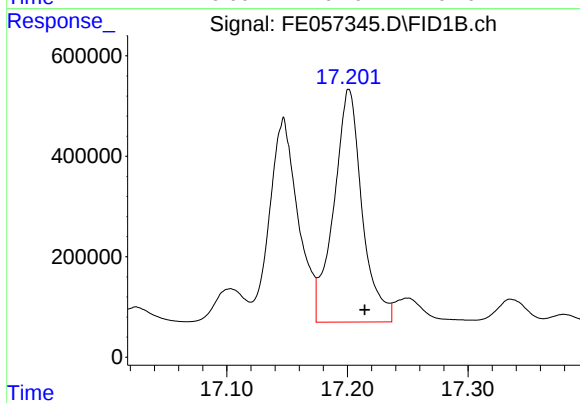
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.011 min
Response: 13358907
Conc: 67.45 ug/ml



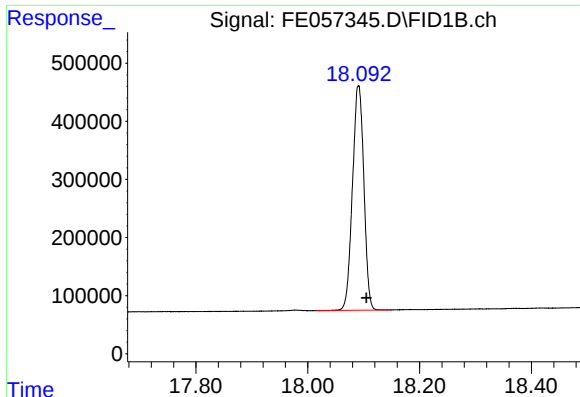
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 5590802
Conc: 28.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.013 min
Response: 7499178
Conc: 36.49 ug/ml m



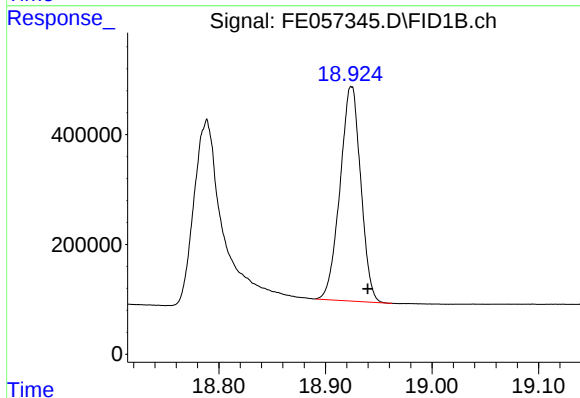
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.014 min
Response: 5464633
Conc: 24.35 ug/ml

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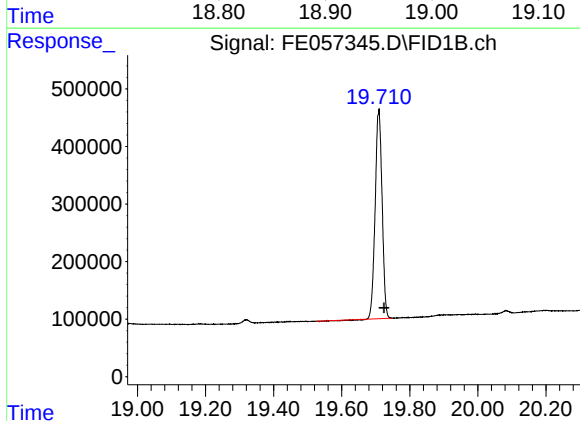
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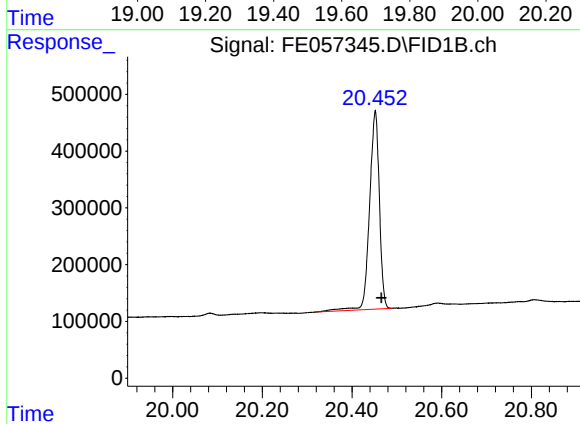
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.016 min
Response: 5288888
Conc: 22.66 ug/ml m



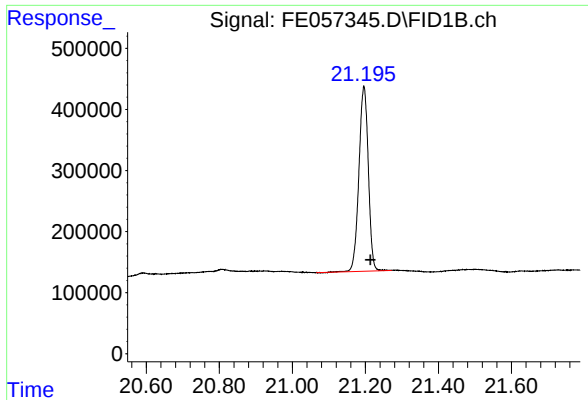
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.016 min
Response: 5108795
Conc: 23.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.014 min
Response: 5288163
Conc: 28.41 ug/ml



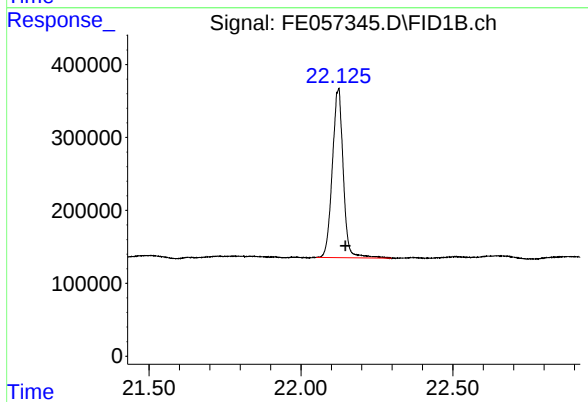
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 5403075
Conc: 31.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.024 min
Response: 5796064
Conc: 34.40 ug/ml