

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038541.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 18:28
 Operator : YP\AJ
 Sample : N5415-15MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R-28MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:31:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 2022
 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)	11.961	4294827	24.960 ug/ml
Spiked Amount 50.000		Recovery =	49.92%
12) S 1-chlorooctadecane (S...	13.393	3507547	25.621 ug/ml
Spiked Amount 50.000		Recovery =	51.24%
Target Compounds			
1) T n-Nonane (C9)	3.364	3681222	23.902 ug/ml
2) T n-Decane (C10)	4.610	4122843	26.561 ug/mlm
3) T A~Naphthalene (C11.7)	6.310	4634370	27.365 ug/ml
4) T n-Dodecane (C12)	6.770	4395026	28.134 ug/ml
5) T A~2-methylnaphthalene...	7.403	4513503	26.933 ug/ml
6) T n-Tetradecane (C14)	8.597	4423535	28.286 ug/ml
7) T n-Hexadecane (C16)	10.201	4813441	30.467 ug/ml
8) T n-Octadecane (C18)	11.643	5117823	31.951 ug/ml
10) T n-Eicosane (C20)	12.951	4976429	30.885 ug/ml
11) T n-Heneicosane (C21)	13.561	4914415	30.423 ug/ml
13) T n-Docosane (C22)	14.147	4874696	30.195 ug/ml
14) T n-Tetracosane (C24)	15.232	9393485	58.564 ug/mlm
15) T n-Hexacosane (C26)	16.268	4674203	29.428 ug/ml
16) T n-Octacosane (C28)	17.216	4616505	29.425 ug/ml
17) T n-Tricontane (C30)	18.101	4468296	28.004 ug/mlm
18) T n-Dotriacontane (C32)	18.932	4544430	28.822 ug/ml
19) T n-Tetratriacontane (C34)	19.714	4479186	30.383 ug/mlm
20) T n-Hexatriacontane (C36)	20.452	4280173	29.955 ug/ml
21) T n-Octatriacontane (C38)	21.194	4409061	32.644 ug/ml
22) T n-Tetracontane (C40)	22.114	4578825	36.274 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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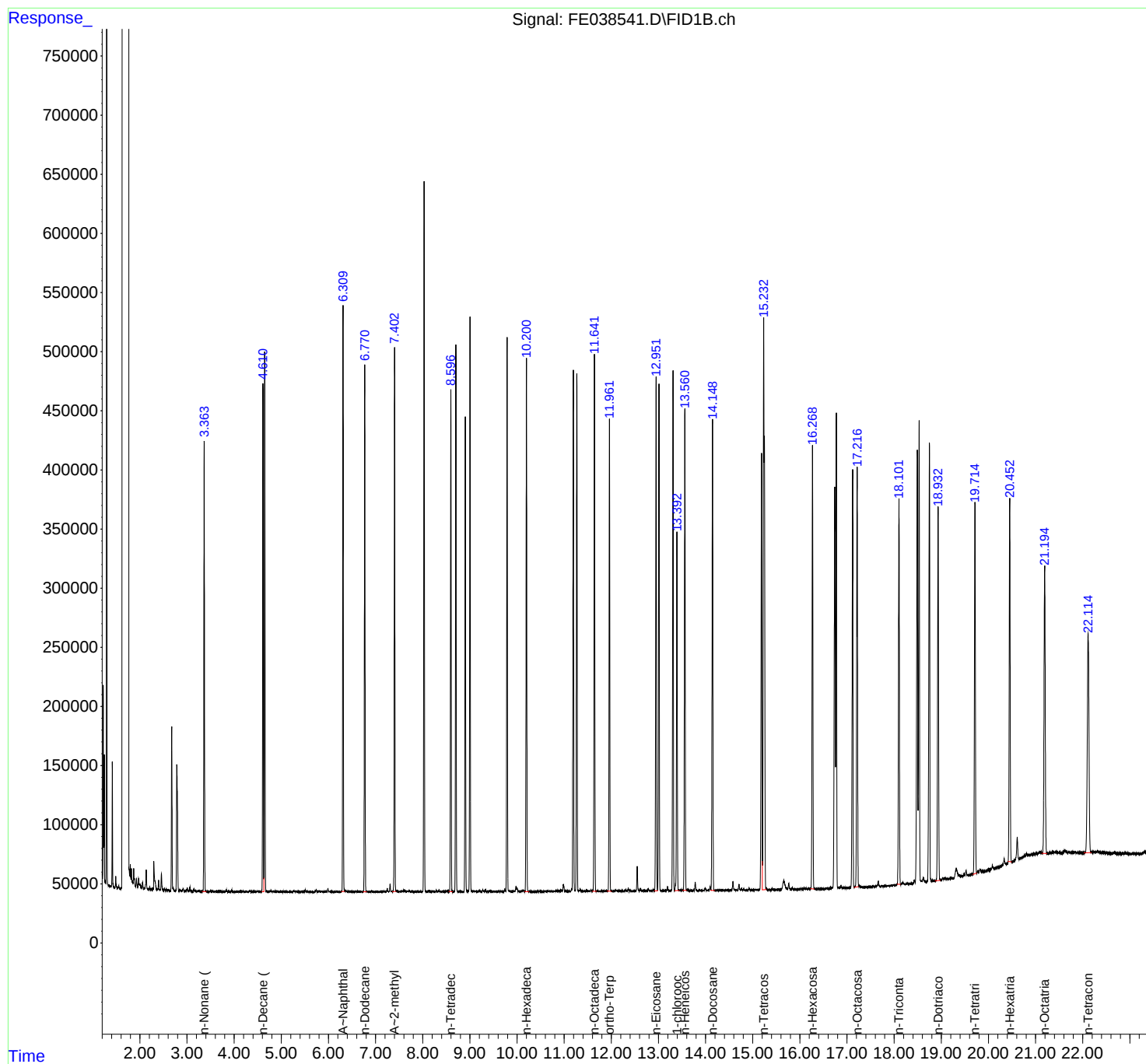
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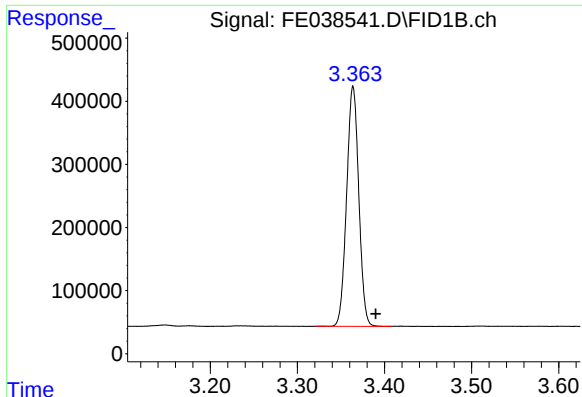
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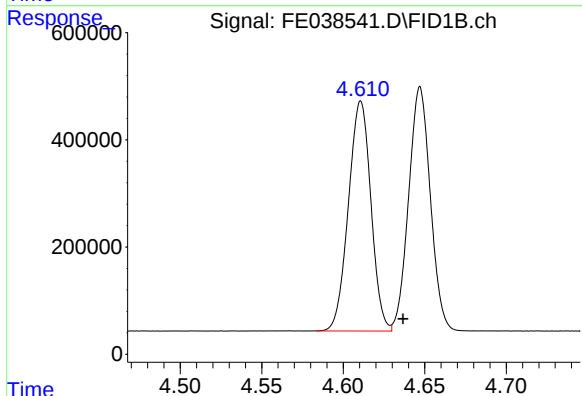
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: -0.026 min
Response: 3681222
Conc: 23.90 ug/ml

Instrument :
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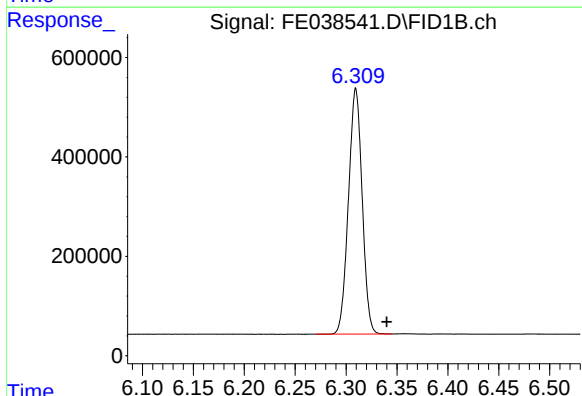
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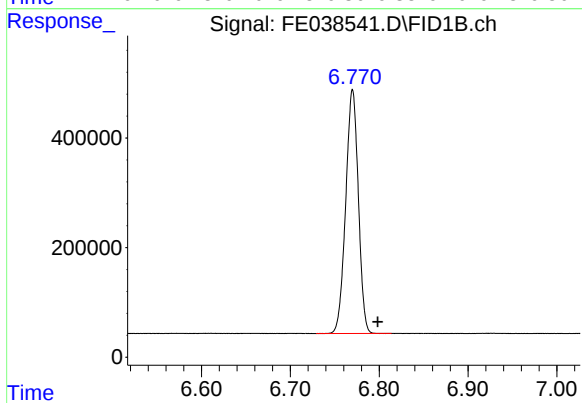
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.026 min
Response: 4122843
Conc: 26.56 ug/ml m



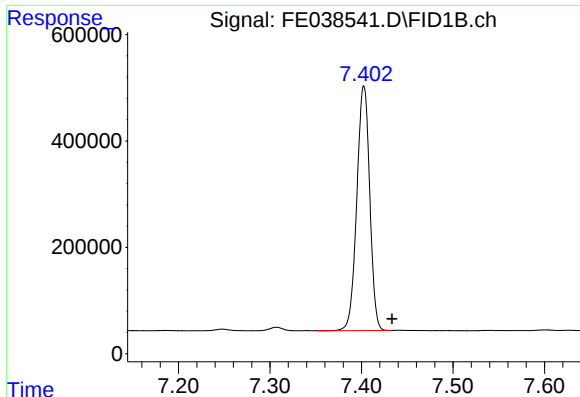
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 4634370
Conc: 27.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 4395026
Conc: 28.13 ug/ml



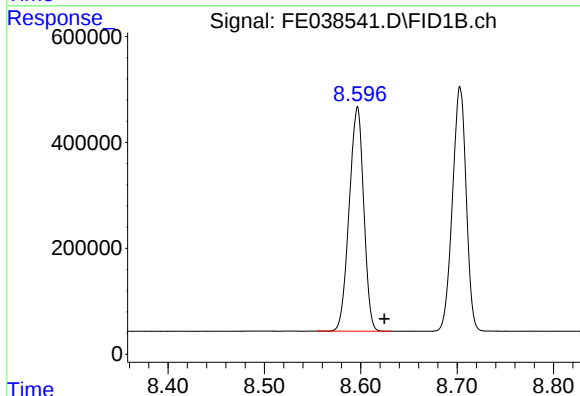
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.031 min
Response: 4513503
Conc: 26.93 ug/ml

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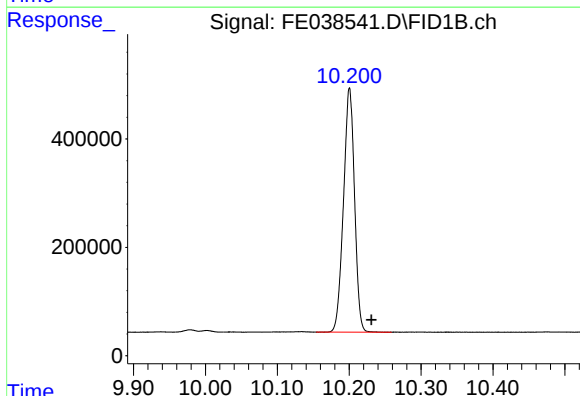
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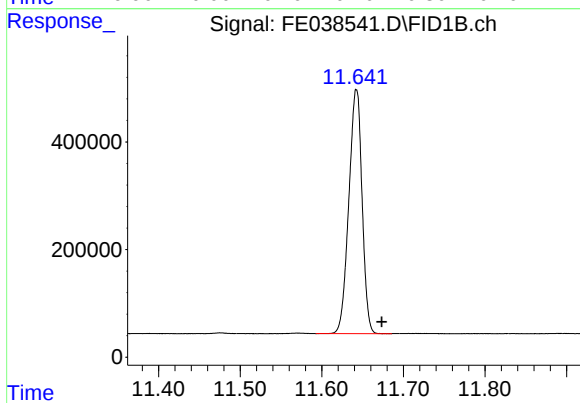
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.028 min
Response: 4423535
Conc: 28.29 ug/ml



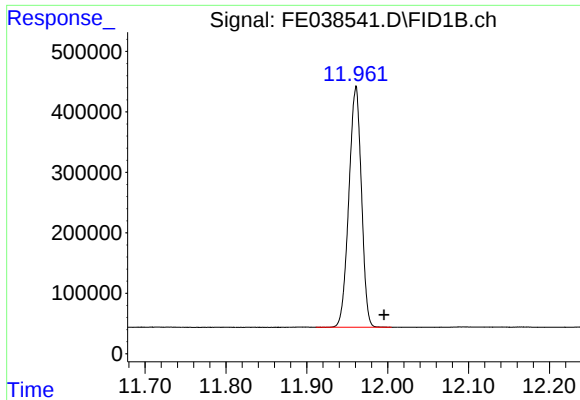
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.031 min
Response: 4813441
Conc: 30.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 5117823
Conc: 31.95 ug/ml



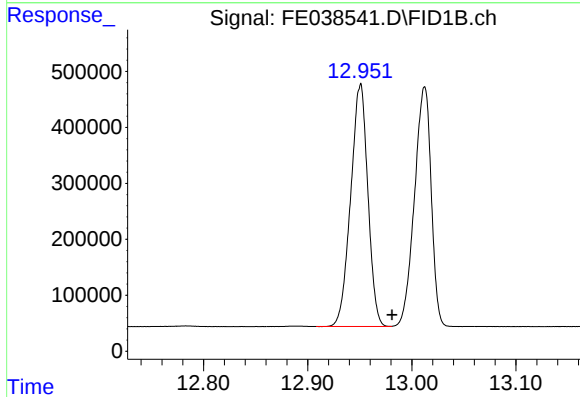
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.035 min
Response: 4294827
Conc: 24.96 ug/ml

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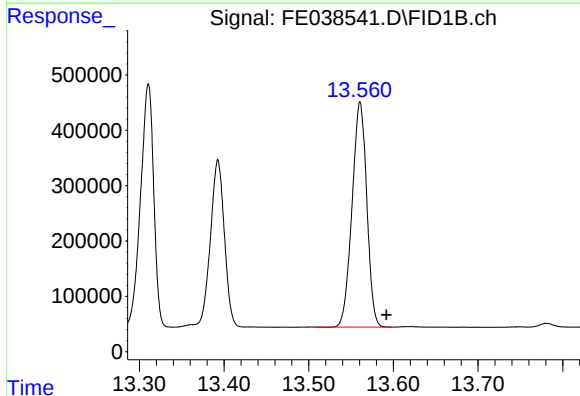
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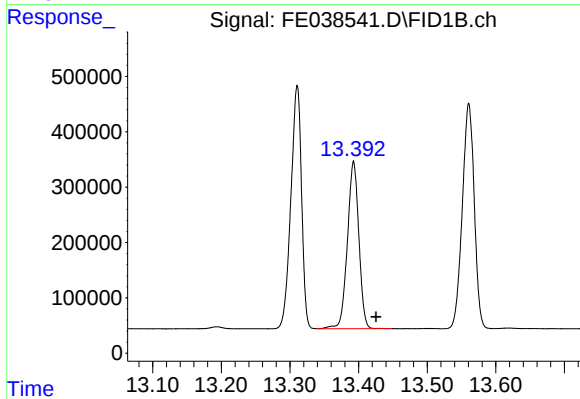
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 4976429
Conc: 30.89 ug/ml



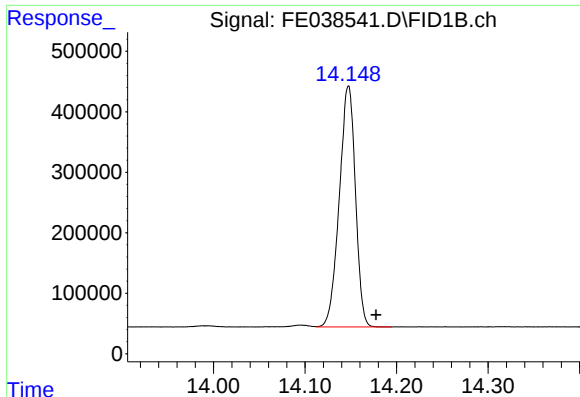
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 4914415
Conc: 30.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.033 min
Response: 3507547
Conc: 25.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 4874696
Conc: 30.19 ug/ml

Instrument :

FID_E

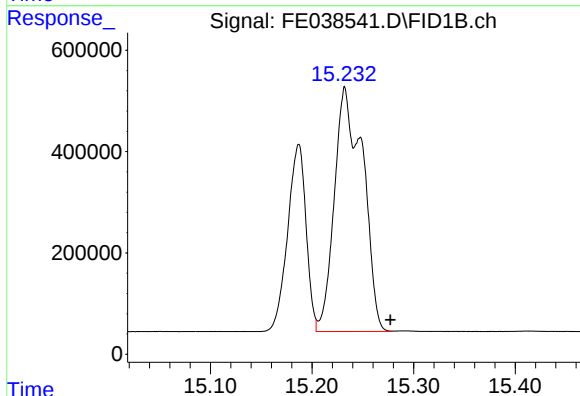
ClientSampleId :

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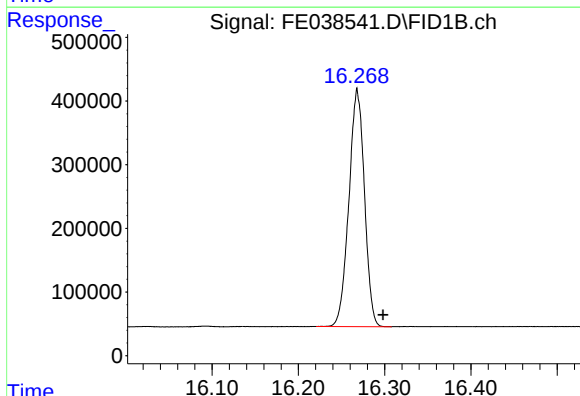
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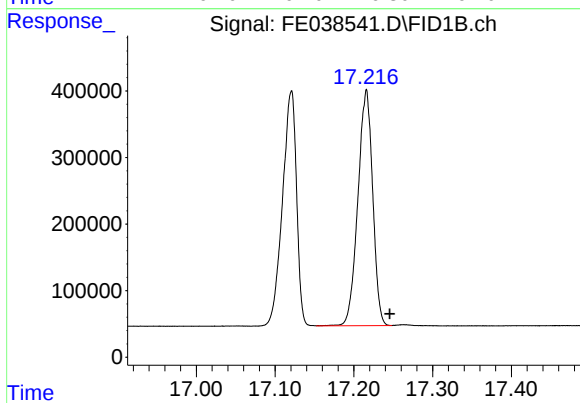
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.046 min
Response: 9393485
Conc: 58.56 ug/ml m



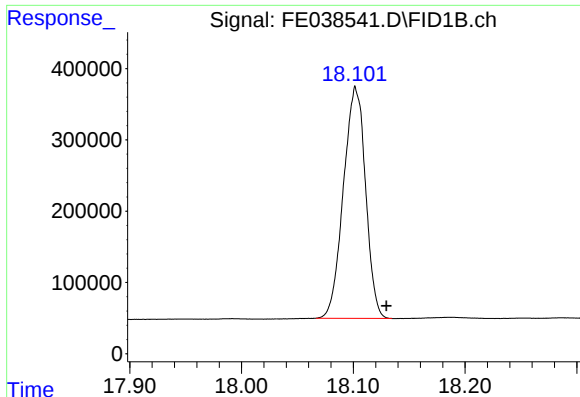
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 4674203
Conc: 29.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: -0.030 min
Response: 4616505
Conc: 29.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.028 min
Response: 4468296
Conc: 28.00 ug/ml

Instrument :

FID_E

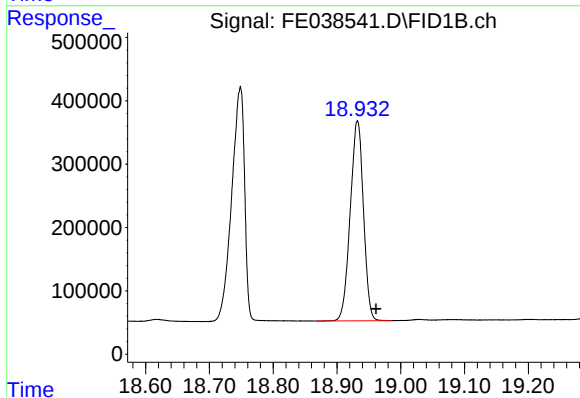
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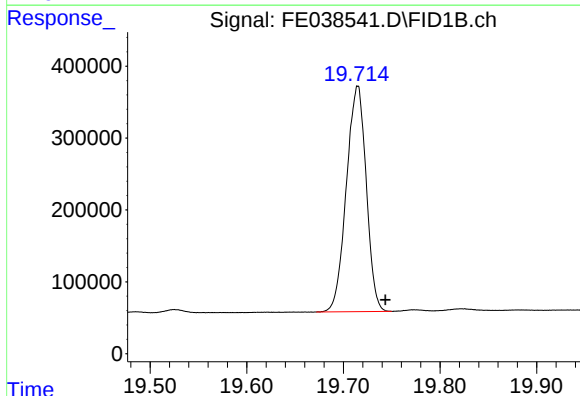
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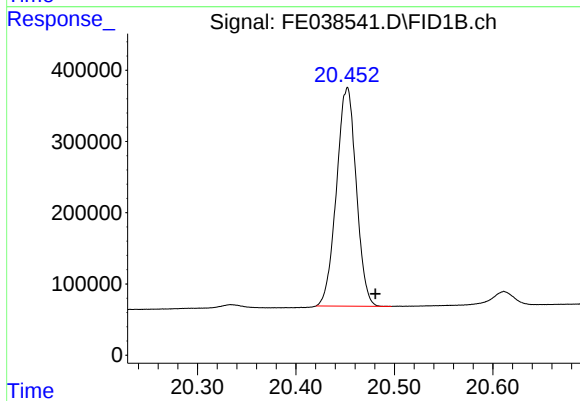
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.029 min
Response: 4544430
Conc: 28.82 ug/ml



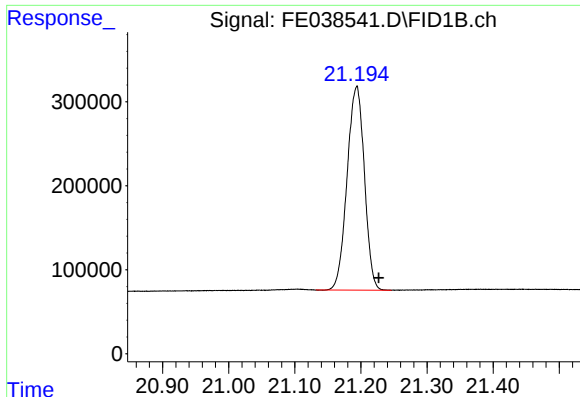
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.030 min
Response: 4479186
Conc: 30.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.028 min
Response: 4280173
Conc: 29.96 ug/ml



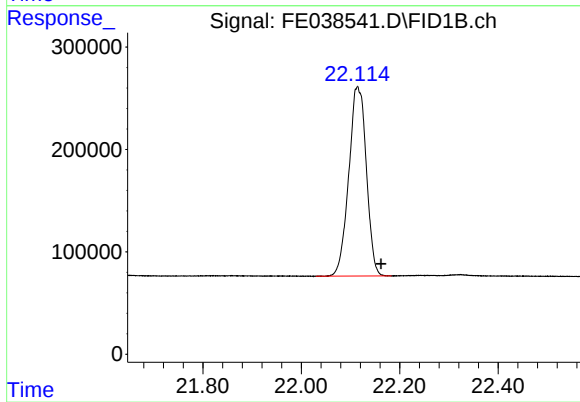
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.033 min
Response: 4409061
Conc: 32.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.048 min
Response: 4578825
Conc: 36.27 ug/ml