

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045590.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 12:52:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.861	4472042	21.385 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	13.304	3389619	21.543 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
Target Compounds			
1) T n-Nonane (C9)	3.251	3423286	21.588 ug/ml
2) T n-Decane (C10)	4.501	3472212	21.683 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3812443	21.886 ug/ml
4) T n-Dodecane (C12)	6.667	3492267	21.620 ug/ml
5) T A~2-methylnaphthalene...	7.296	3713666	21.868 ug/ml
6) T n-Tetradecane (C14)	8.494	3478181	21.681 ug/ml
7) T n-Hexadecane (C16)	10.103	3583704	21.642 ug/ml
8) T n-Octadecane (C18)	11.549	3715339	21.670 ug/ml
10) T n-Eicosane (C20)	12.860	3708349	21.433 ug/ml
11) T n-Heneicosane (C21)	13.472	3704400	21.533 ug/ml
13) T n-Docosane (C22)	14.059	3720245	21.576 ug/ml
14) T n-Tetracosane (C24)	15.164	3790654	21.713 ug/ml
15) T n-Hexacosane (C26)	16.187	3790219	21.764 ug/ml
16) T n-Octacosane (C28)	17.139	3754936	21.726 ug/ml
17) T n-Tricontane (C30)	18.027	3789439	21.660 ug/ml
18) T n-Dotriacontane (C32)	18.863	3870887	21.218 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3525607	21.247 ug/ml
20) T n-Hexatriacontane (C36)	20.387	3347427	21.088 ug/ml
21) T n-Octatriacontane (C38)	21.119	3232375	20.612 ug/ml
22) T n-Tetracontane (C40)	22.022	2836168	19.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 21 Sample Multiplier: 1

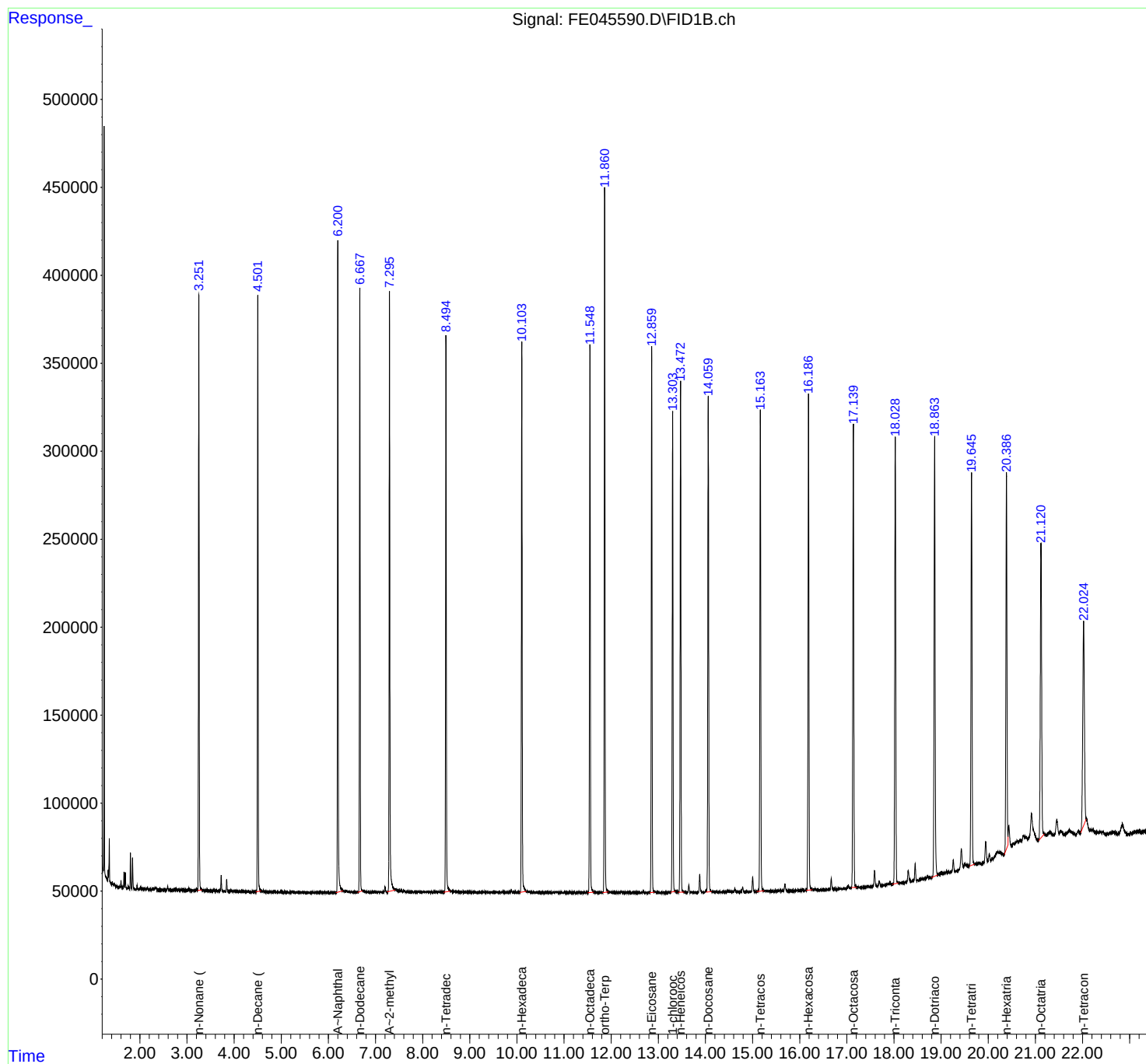
Instrument :
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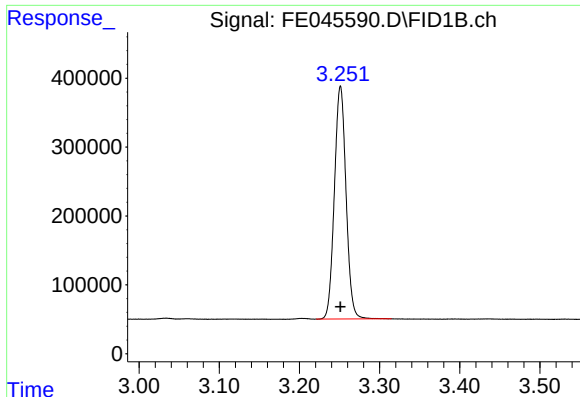
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3423286
Conc: 21.59 ug/ml

Instrument :

FID_E

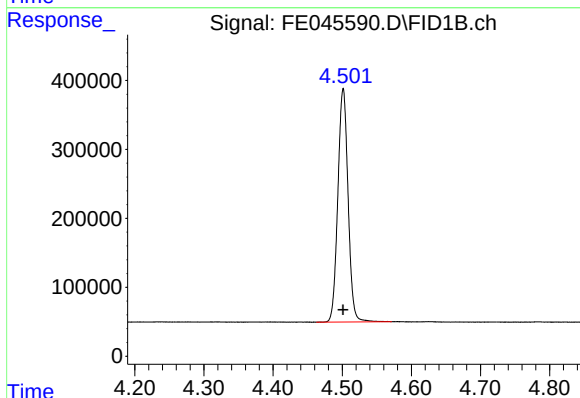
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20 PPM ALIPHATIC HC STD ICV

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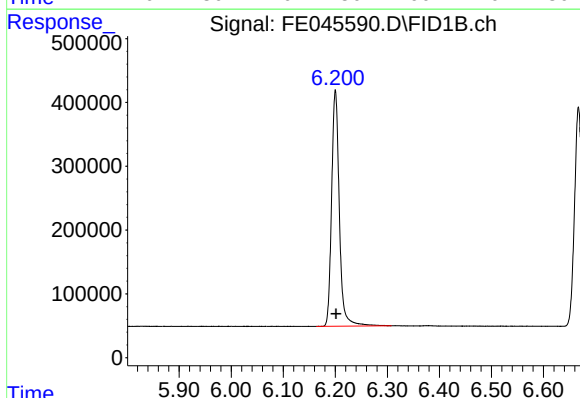
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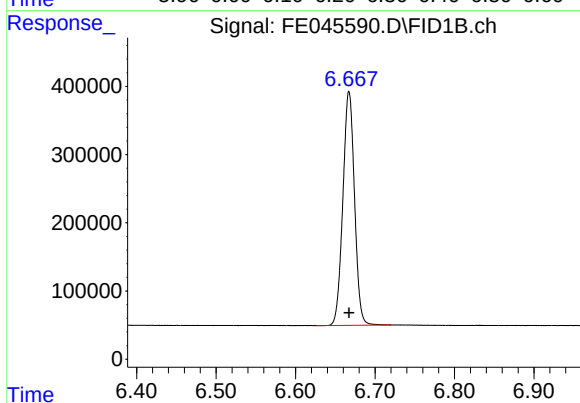
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3472212
Conc: 21.68 ug/ml



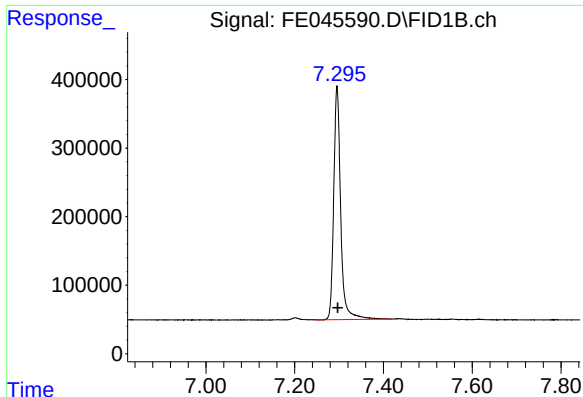
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 3812443
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3492267
Conc: 21.62 ug/ml



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

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 3713666
Conc: 21.87 ug/ml

Instrument :

FID_E

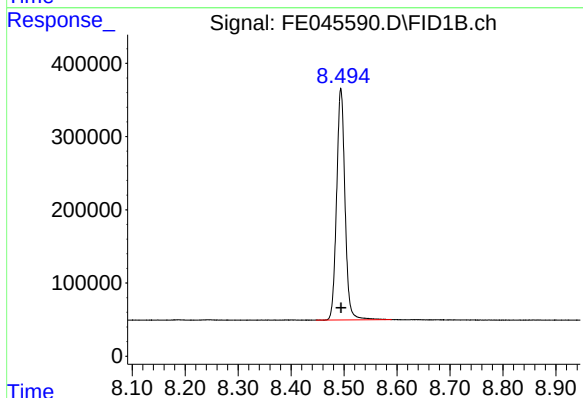
ClientSampleId :

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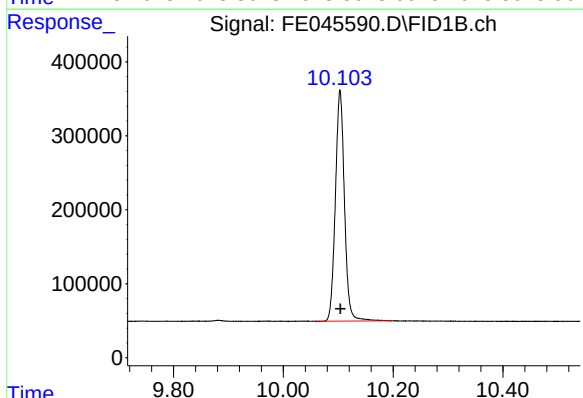
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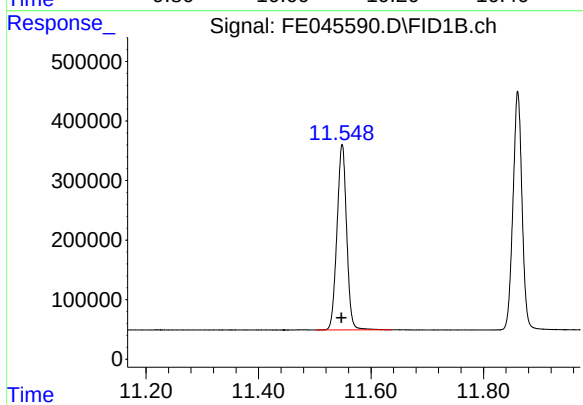
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 3478181
Conc: 21.68 ug/ml



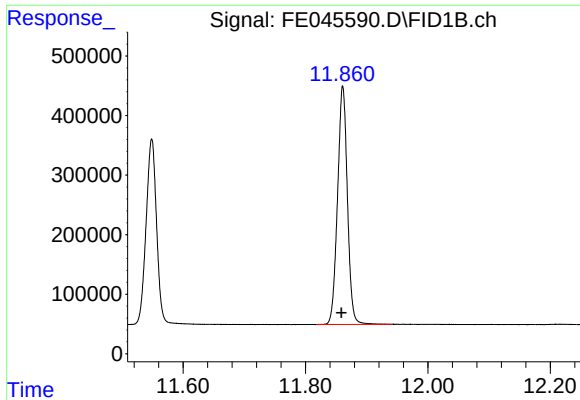
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.000 min
Response: 3583704
Conc: 21.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 3715339
Conc: 21.67 ug/ml



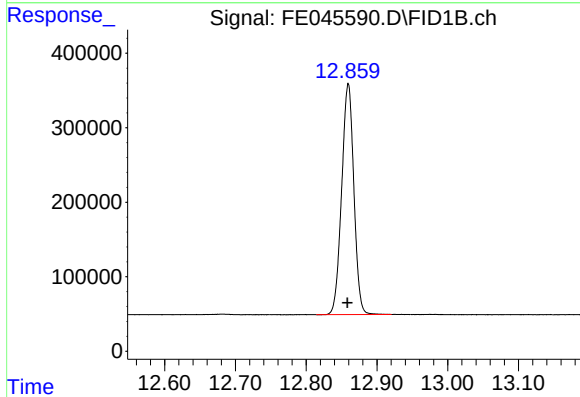
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 4472042
Conc: 21.39 ug/ml

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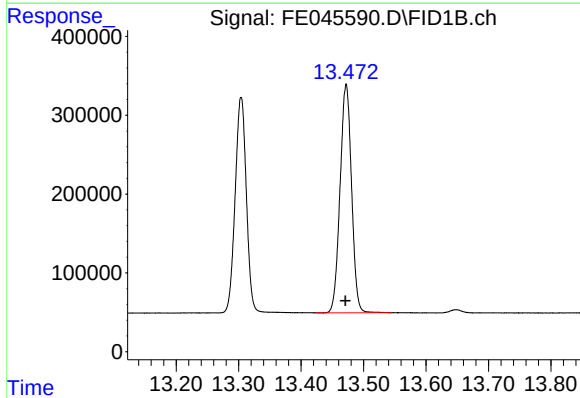
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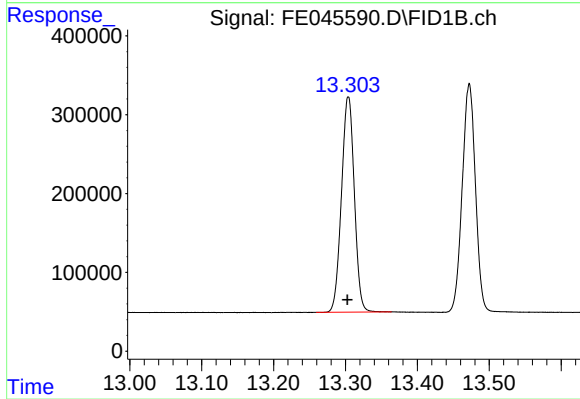
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.001 min
Response: 3708349
Conc: 21.43 ug/ml



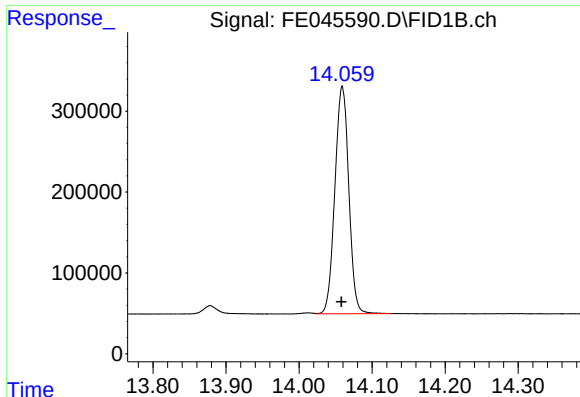
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.001 min
Response: 3704400
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 3389619
Conc: 21.54 ug/ml



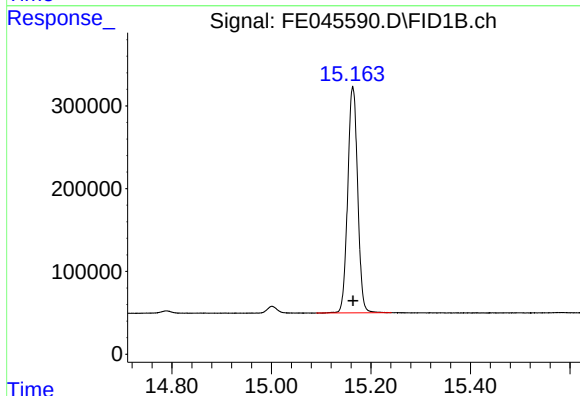
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.001 min
Response: 3720245
Conc: 21.58 ug/ml

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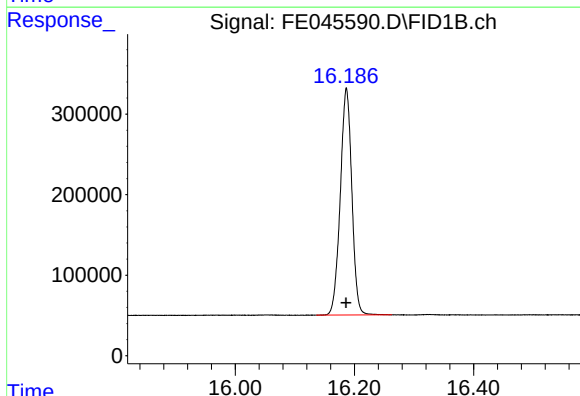
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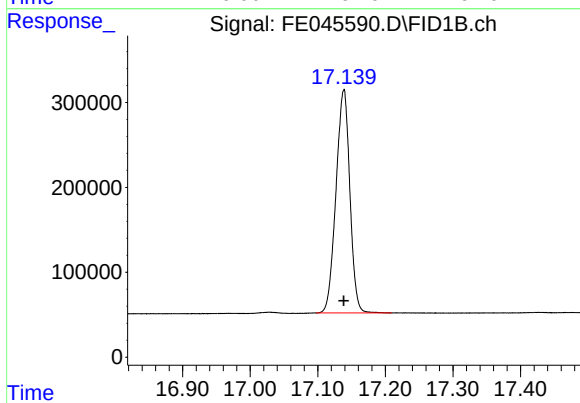
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 3790654
Conc: 21.71 ug/ml



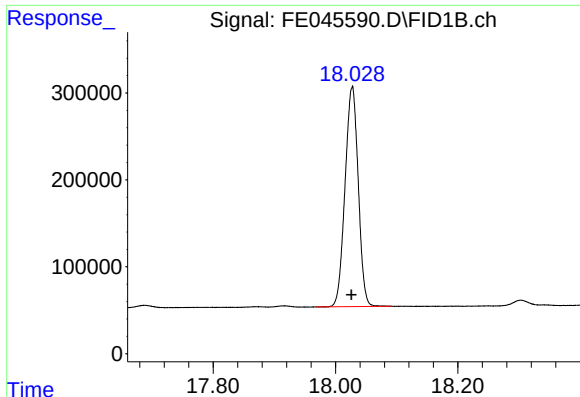
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.000 min
Response: 3790219
Conc: 21.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.000 min
Response: 3754936
Conc: 21.73 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.001 min
Response: 3789439
Conc: 21.66 ug/ml

Instrument :

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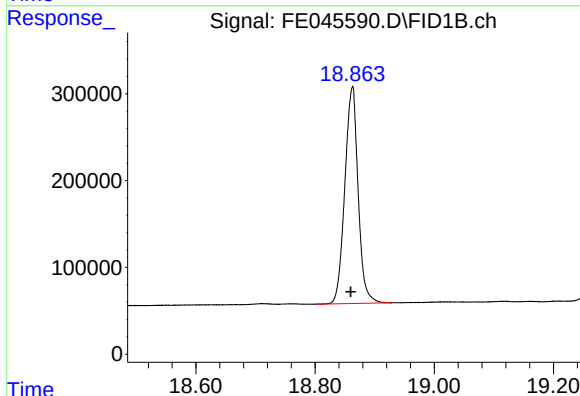
ClientSampleId :

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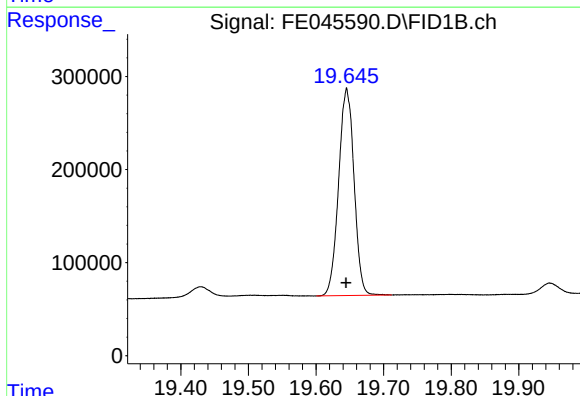
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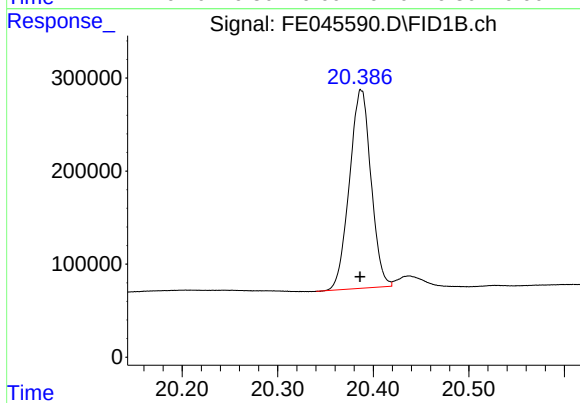
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3870887
Conc: 21.22 ug/ml



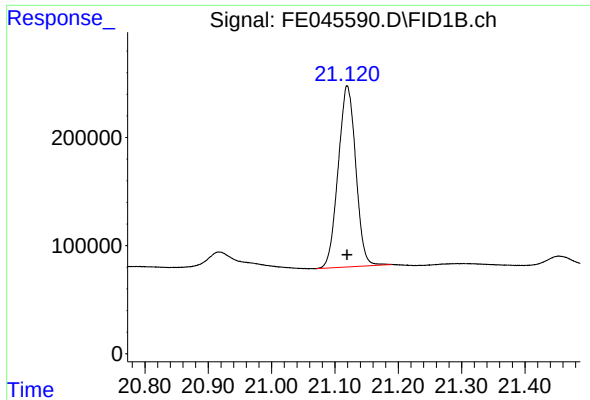
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 3525607
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: 0.001 min
Response: 3347427
Conc: 21.09 ug/ml



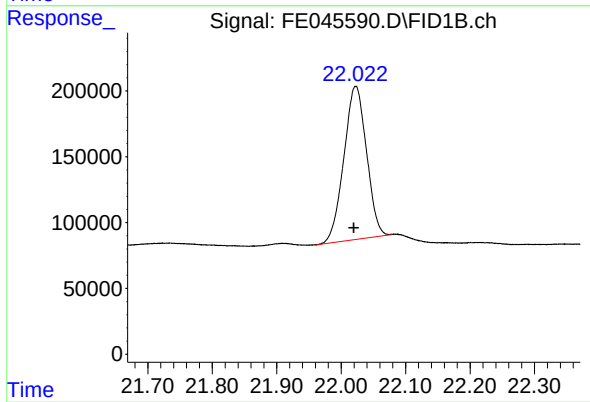
#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 3232375
Conc: 20.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.003 min
Response: 2836168
Conc: 19.96 ug/ml m