

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038687.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 00:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File: autoint1.e
 Quant Time: Nov 10 04:57:37 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	3080659	17.903 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
12) S 1-chlorooctadecane (S...	13.394	2418187	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.359	2989598	19.411 ug/ml
2) T n-Decane (C10)	4.607	3048062	19.637 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3246538	19.170 ug/ml
4) T n-Dodecane (C12)	6.769	3043763	19.484 ug/ml
5) T A~2-methylnaphthalene...	7.404	3171108	18.922 ug/ml
6) T n-Tetradecane (C14)	8.594	3004830	19.214 ug/ml
7) T n-Hexadecane (C16)	10.200	2981820	18.874 ug/ml
8) T n-Octadecane (C18)	11.642	2945460	18.388 ug/ml
10) T n-Eicosane (C20)	12.950	2873525	17.834 ug/ml
11) T n-Heneicosane (C21)	13.561	2842772	17.599 ug/ml
13) T n-Docosane (C22)	14.147	2823553	17.490 ug/ml
14) T n-Tetracosane (C24)	15.249	2776312	17.309 ug/ml
15) T n-Hexacosane (C26)	16.268	2757609	17.361 ug/ml
16) T n-Octacosane (C28)	17.218	2819651	17.972 ug/ml
17) T n-Tricontane (C30)	18.105	3048284	19.105 ug/mlm
18) T n-Dotriacontane (C32)	18.937	3156529	20.020 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2989821	20.280 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	2956543	20.692 ug/ml
21) T n-Octatriacontane (C38)	21.201	2930606	21.698 ug/ml
22) T n-Tetracontane (C40)	22.122	2955484	23.414 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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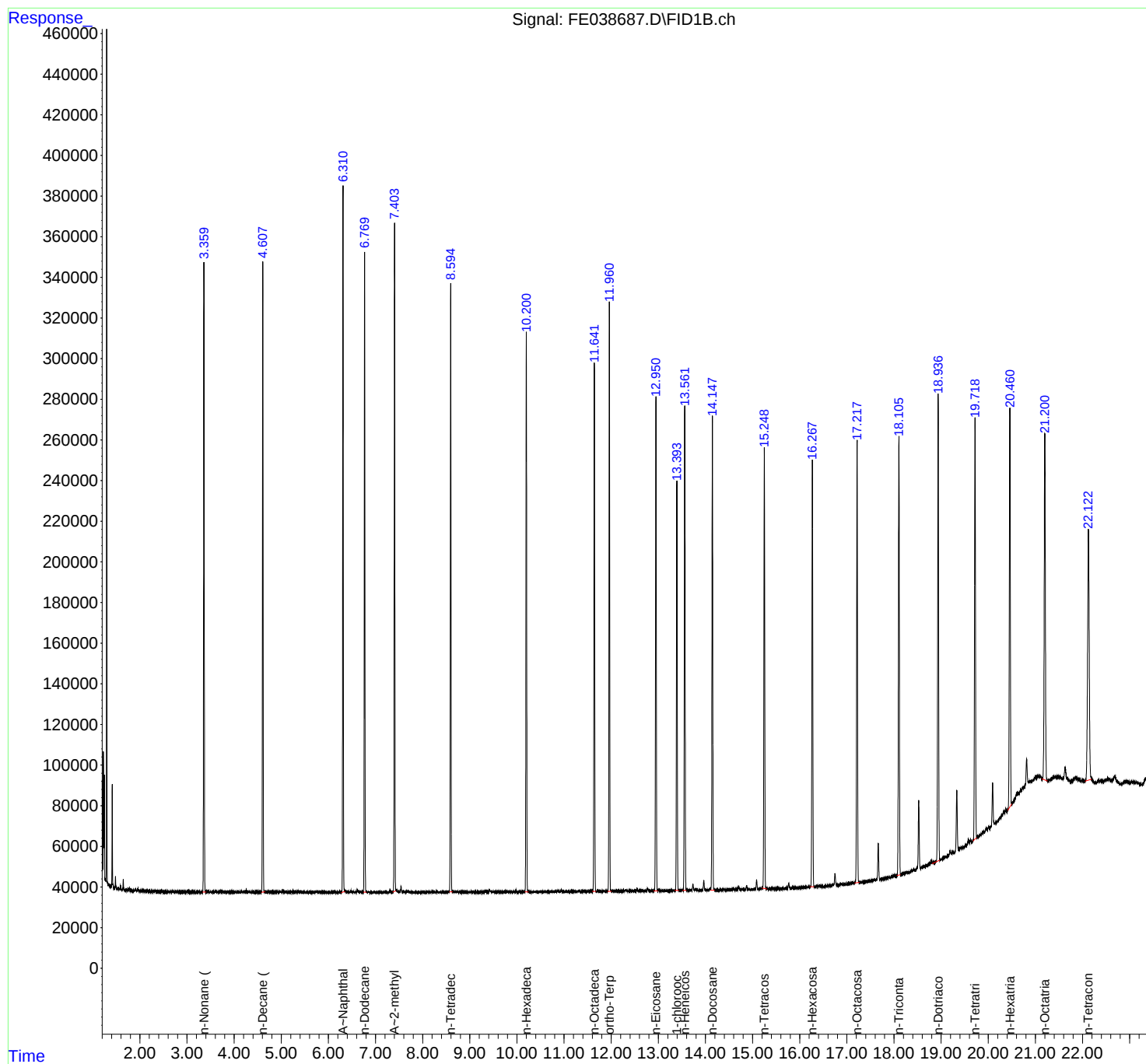
Instrument :
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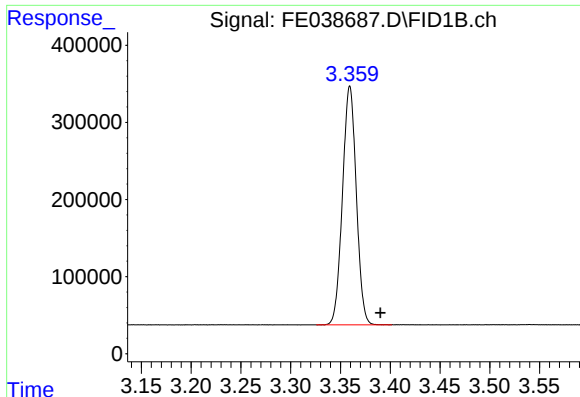
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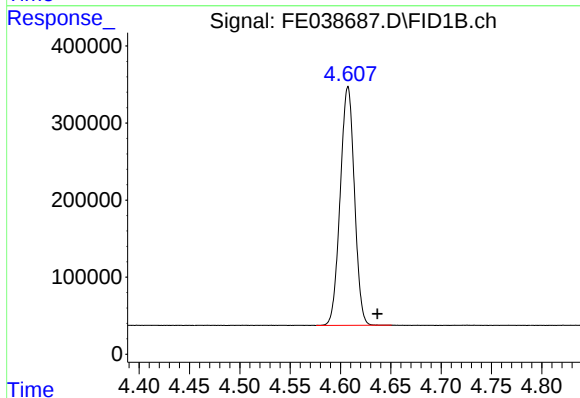
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.031 min
Response: 2989598
Conc: 19.41 ug/ml

Instrument :
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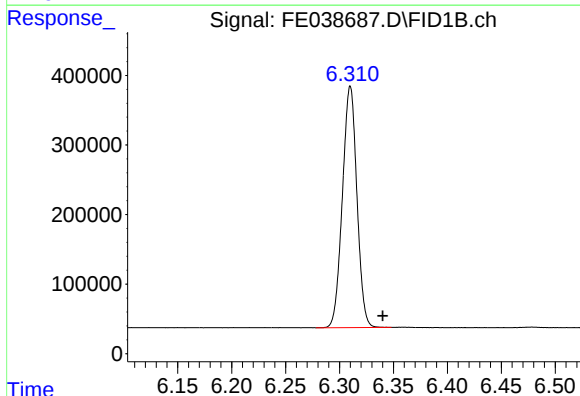
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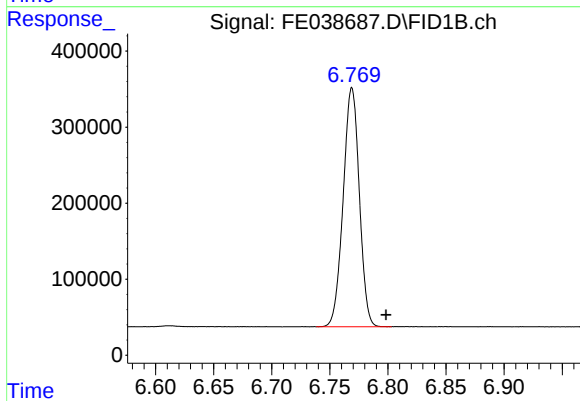
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.029 min
Response: 3048062
Conc: 19.64 ug/ml



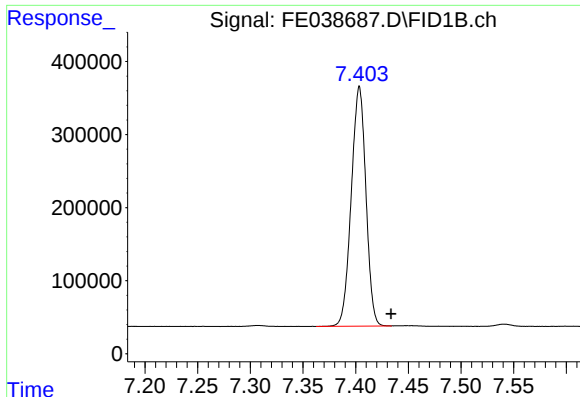
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 3246538
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.029 min
Response: 3043763
Conc: 19.48 ug/ml



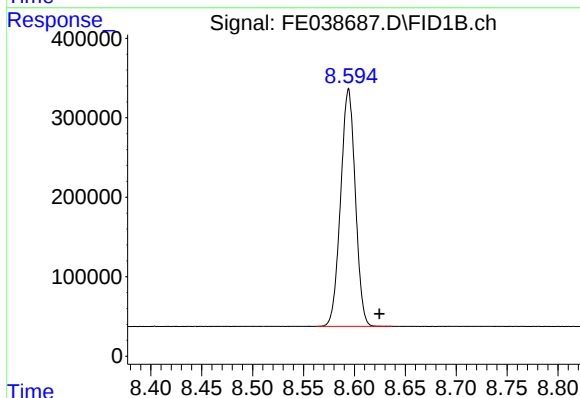
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.030 min
Response: 3171108
Conc: 18.92 ug/ml

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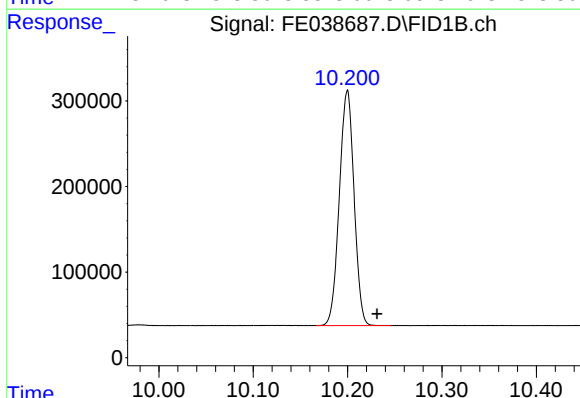
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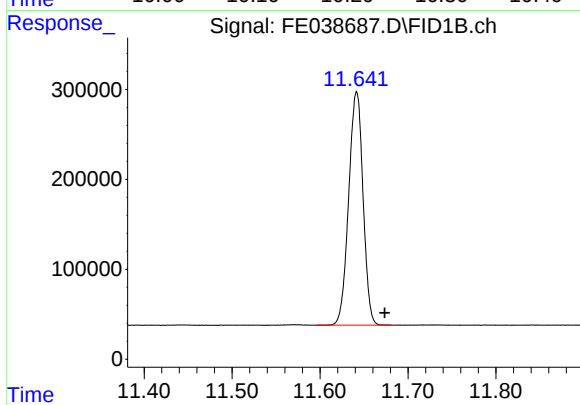
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.030 min
Response: 3004830
Conc: 19.21 ug/ml



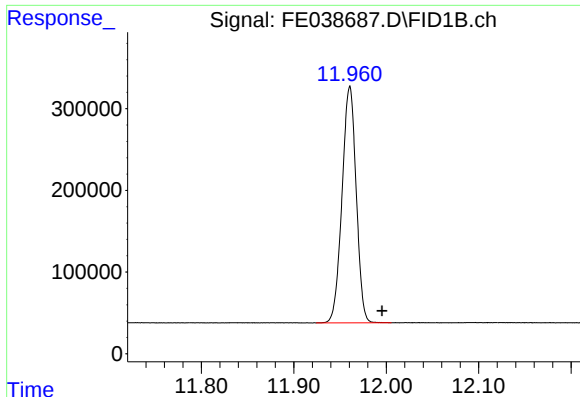
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 2981820
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.032 min
Response: 2945460
Conc: 18.39 ug/ml



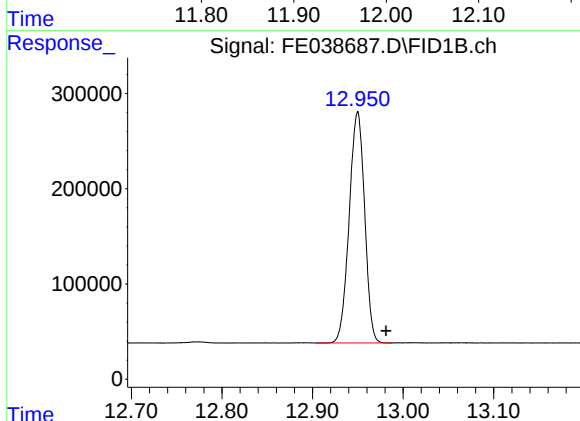
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.035 min
Response: 3080659
Conc: 17.90 ug/ml

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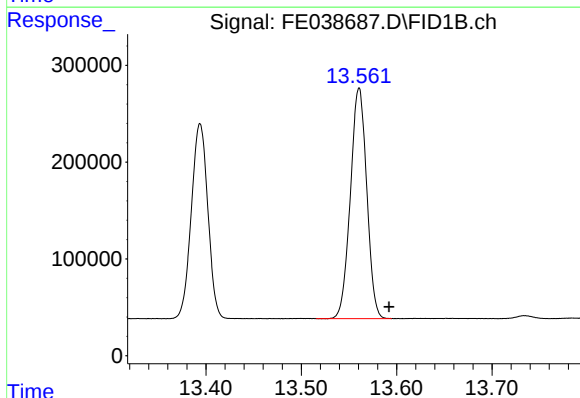
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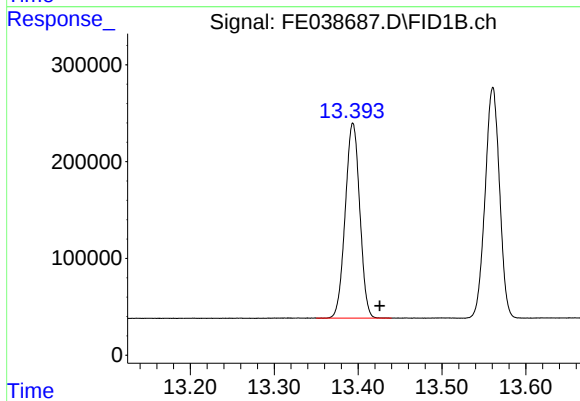
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 2873525
Conc: 17.83 ug/ml



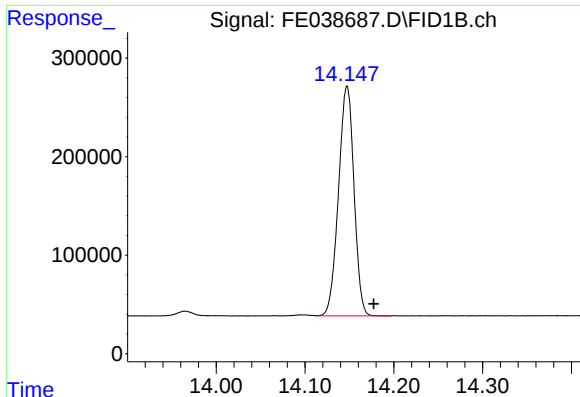
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 2842772
Conc: 17.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.032 min
Response: 2418187
Conc: 17.66 ug/ml



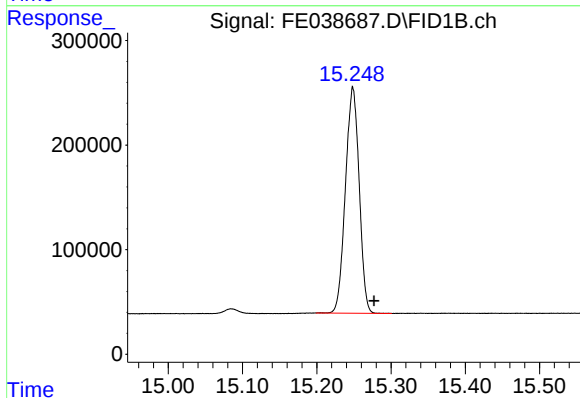
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 2823553
Conc: 17.49 ug/ml

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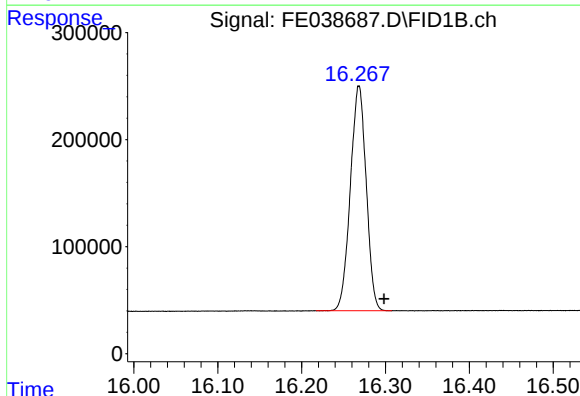
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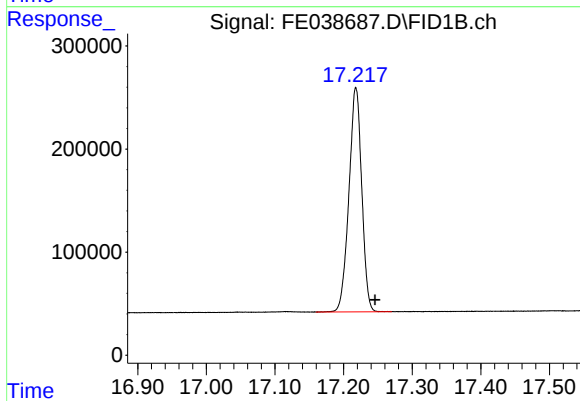
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.029 min
Response: 2776312
Conc: 17.31 ug/ml



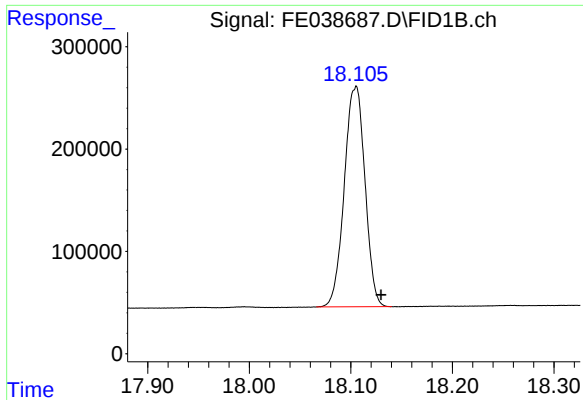
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 2757609
Conc: 17.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.028 min
Response: 2819651
Conc: 17.97 ug/ml



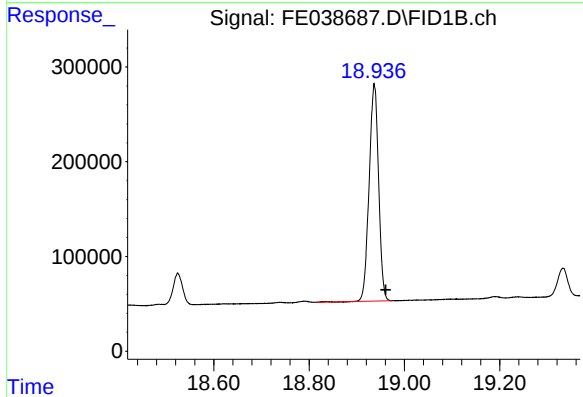
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.025 min
Response: 3048284
Conc: 19.10 ug/ml

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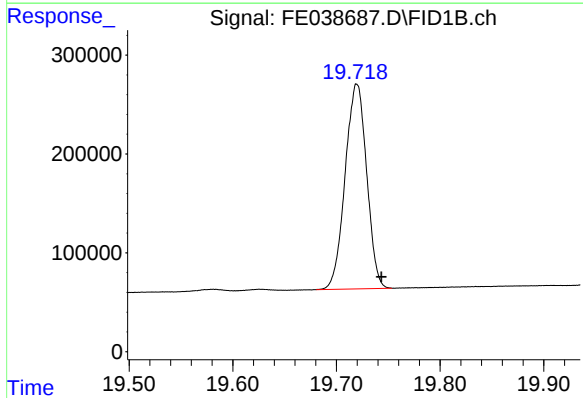
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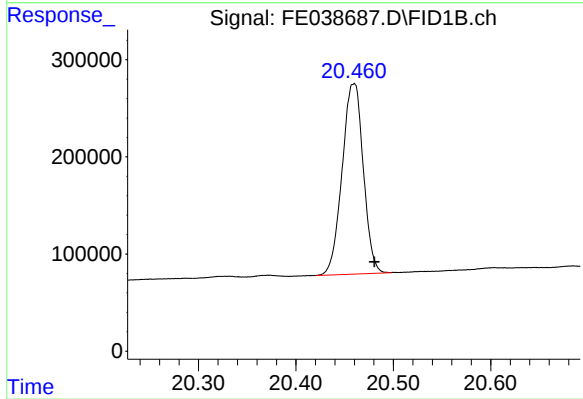
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.024 min
Response: 3156529
Conc: 20.02 ug/ml



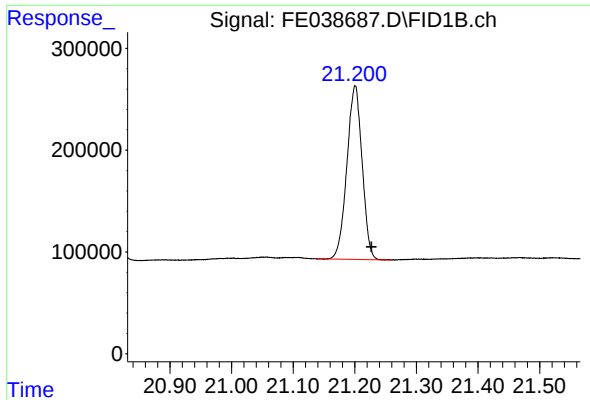
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.025 min
Response: 2989821
Conc: 20.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.021 min
Response: 2956543
Conc: 20.69 ug/ml



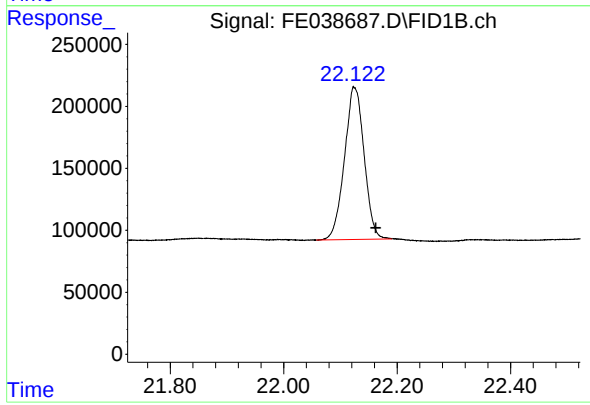
#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.026 min
Response: 2930606
Conc: 21.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.040 min
Response: 2955484
Conc: 23.41 ug/ml m