

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038800.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 08:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:37:23 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	2896070	16.831 ug/ml
Spiked Amount 50.000		Recovery =	33.66%
12) S 1-chlorooctadecane (S...	13.395	2245205	16.400 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
Target Compounds			
1) T n-Nonane (C9)	3.353	2685326	17.436 ug/ml
2) T n-Decane (C10)	4.602	2762008	17.794 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2980239	17.598 ug/ml
4) T n-Dodecane (C12)	6.766	2748427	17.594 ug/ml
5) T A~2-methylnaphthalene...	7.401	2900004	17.305 ug/ml
6) T n-Tetradecane (C14)	8.592	2735044	17.489 ug/ml
7) T n-Hexadecane (C16)	10.199	2753877	17.431 ug/ml
8) T n-Octadecane (C18)	11.642	2758946	17.224 ug/ml
10) T n-Eicosane (C20)	12.950	2720702	16.885 ug/ml
11) T n-Heneicosane (C21)	13.562	2704475	16.742 ug/ml
13) T n-Docosane (C22)	14.148	2689010	16.656 ug/ml
14) T n-Tetracosane (C24)	15.250	2658470	16.574 ug/ml
15) T n-Hexacosane (C26)	16.271	2611204	16.440 ug/ml
16) T n-Octacosane (C28)	17.220	2649899	16.890 ug/ml
17) T n-Tricontane (C30)	18.107	2878186	18.039 ug/mlm
18) T n-Dotriacontane (C32)	18.941	3019440	19.150 ug/ml
19) T n-Tetratriacontane (C34)	19.725	2914565	19.770 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	2947704	20.630 ug/ml
21) T n-Octatriacontane (C38)	21.208	2902214	21.488 ug/mlm
22) T n-Tetracontane (C40)	22.136	2924113	23.165 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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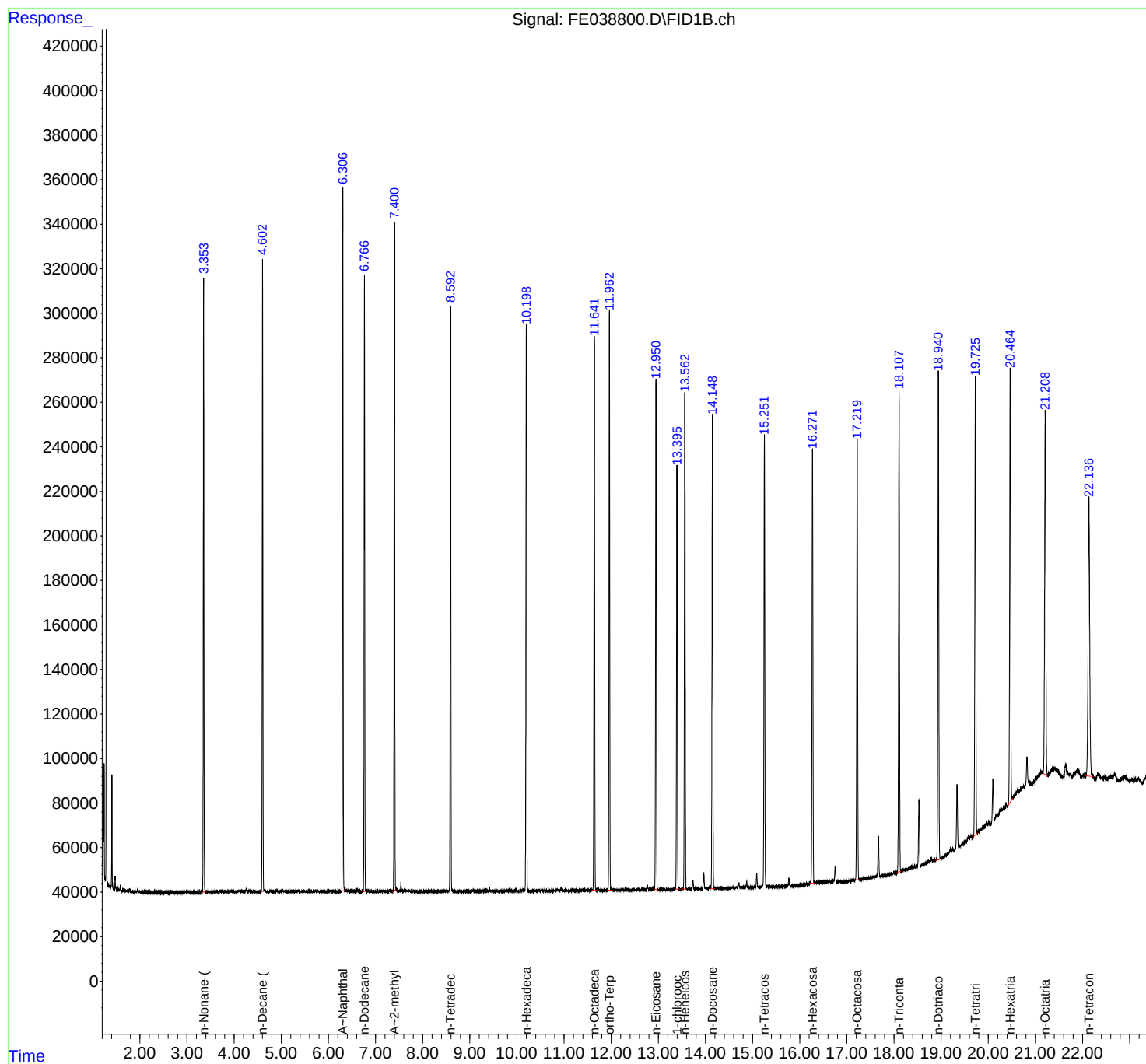
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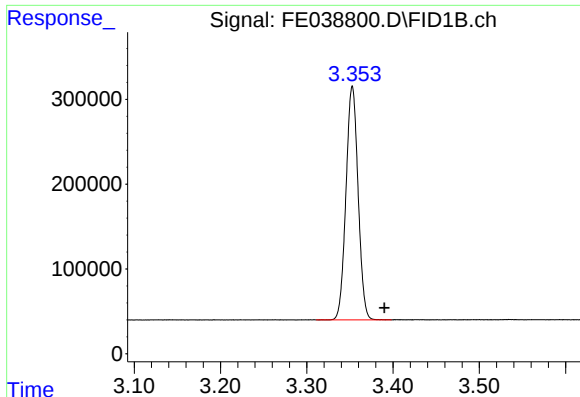
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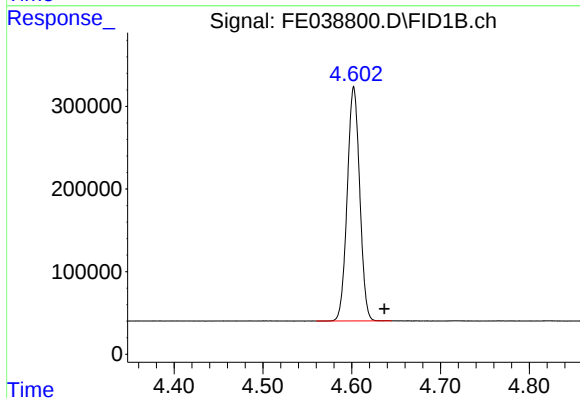
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.037 min
Response: 2685326
Conc: 17.44 ug/ml

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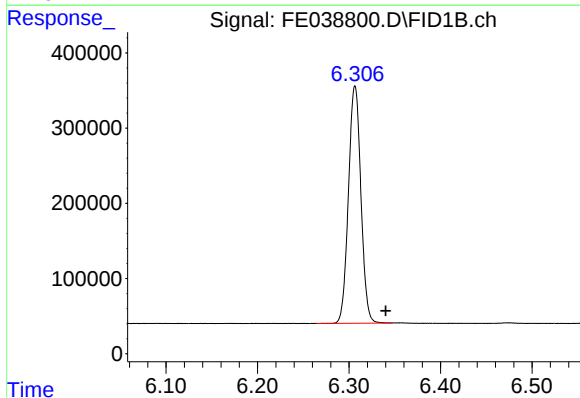
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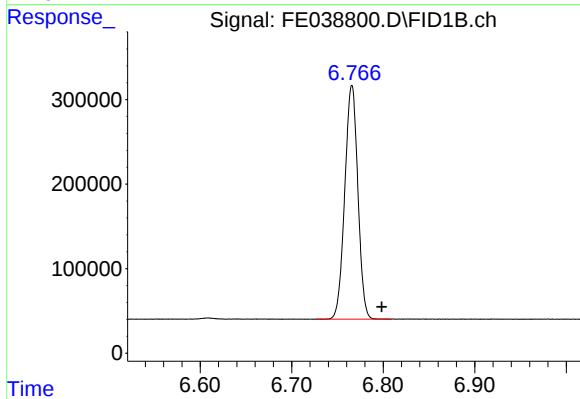
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.034 min
Response: 2762008
Conc: 17.79 ug/ml



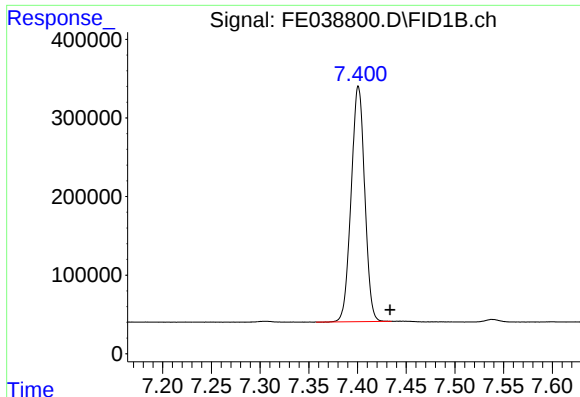
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.034 min
Response: 2980239
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.033 min
Response: 2748427
Conc: 17.59 ug/ml



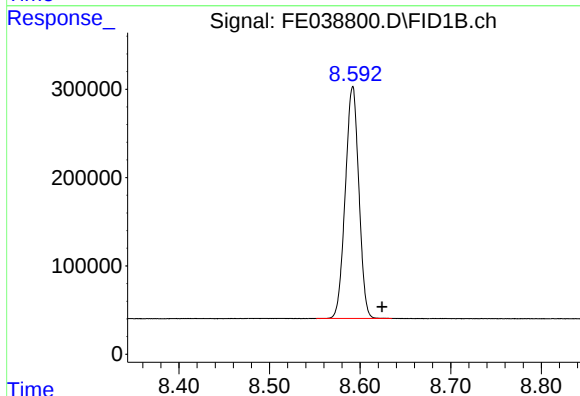
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.033 min
Response: 2900004
Conc: 17.30 ug/ml

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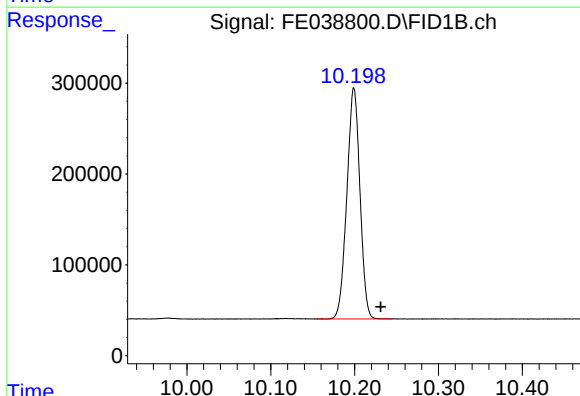
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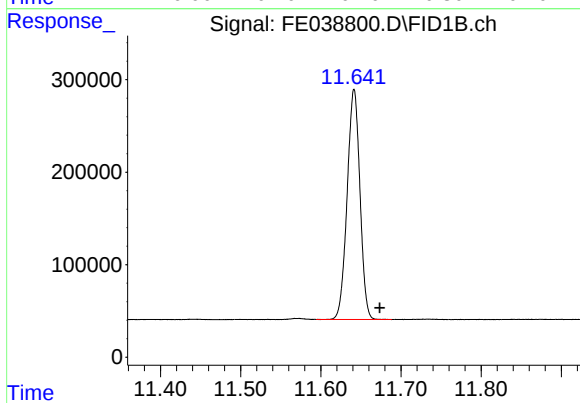
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.033 min
Response: 2735044
Conc: 17.49 ug/ml



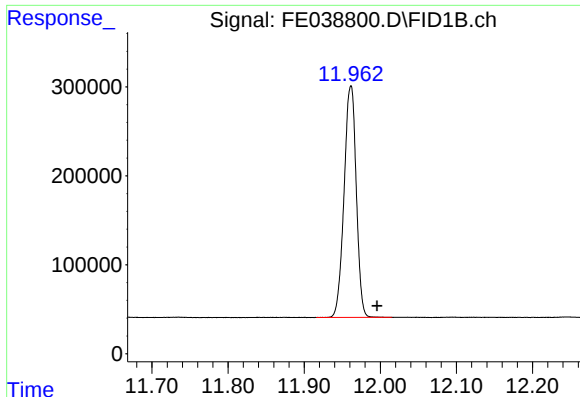
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.032 min
Response: 2753877
Conc: 17.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.032 min
Response: 2758946
Conc: 17.22 ug/ml



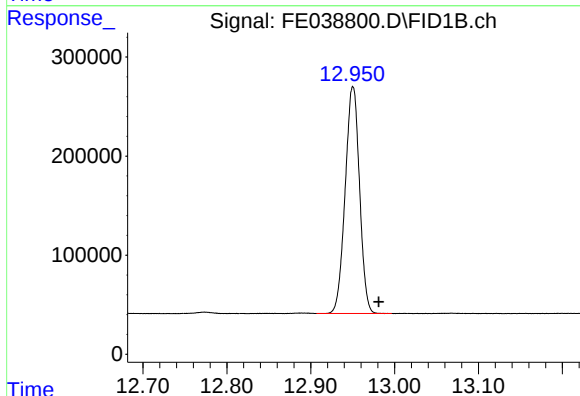
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.034 min
Response: 2896070
Conc: 16.83 ug/ml

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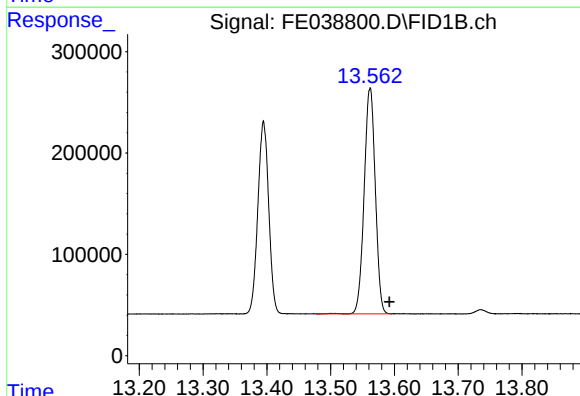
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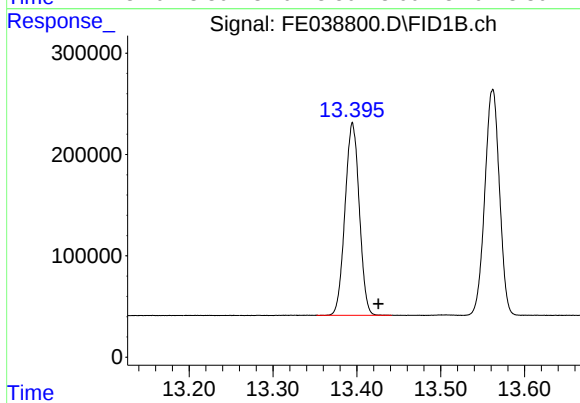
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 2720702
Conc: 16.89 ug/ml



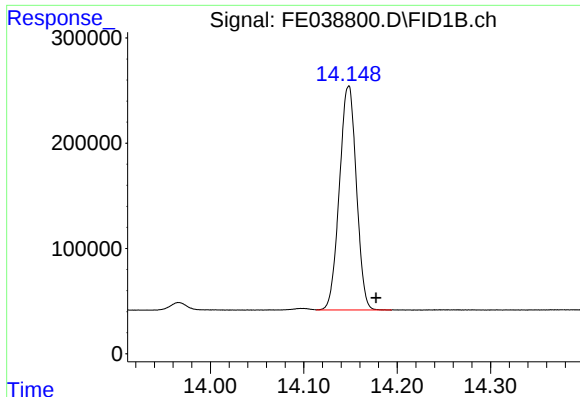
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 2704475
Conc: 16.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 2245205
Conc: 16.40 ug/ml



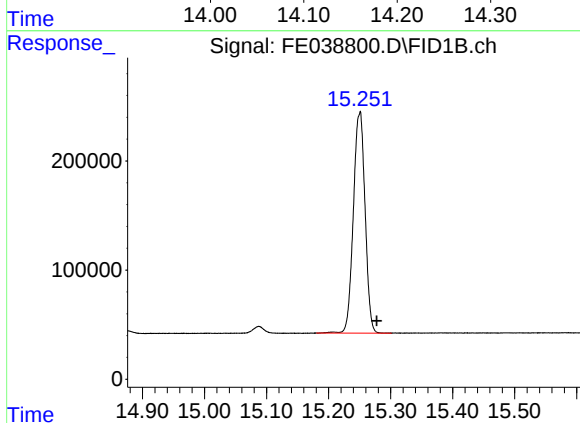
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 2689010
Conc: 16.66 ug/ml

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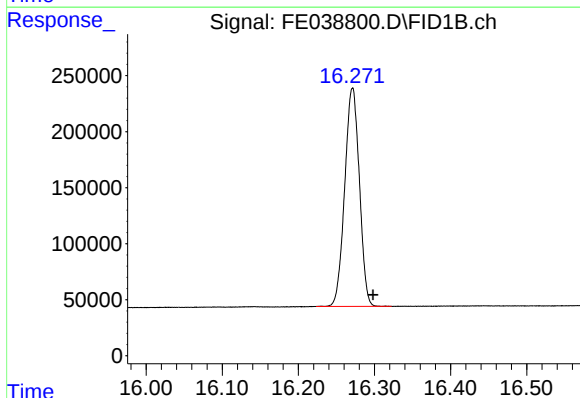
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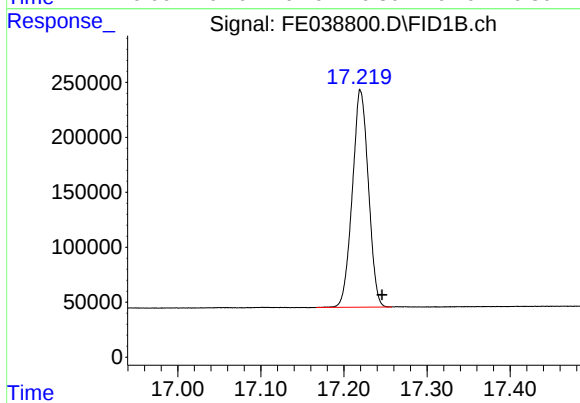
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 2658470
Conc: 16.57 ug/ml



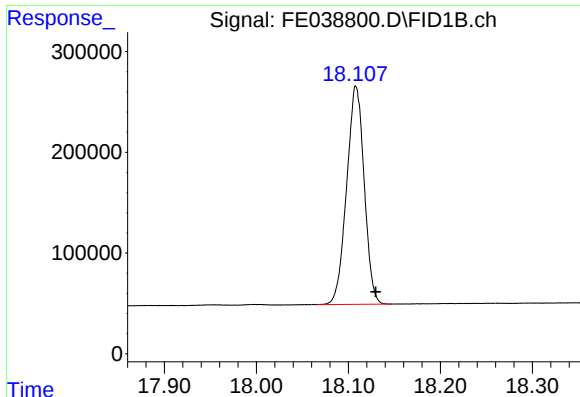
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.027 min
Response: 2611204
Conc: 16.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 2649899
Conc: 16.89 ug/ml



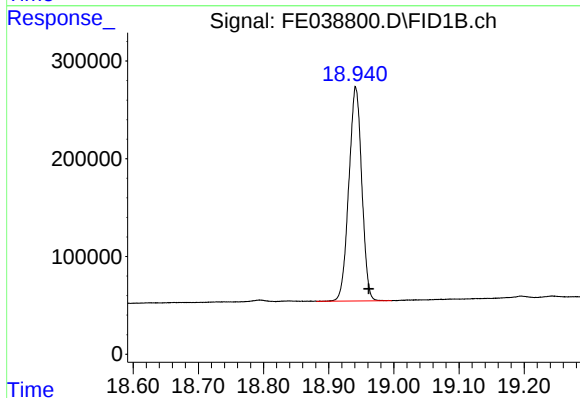
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.022 min
Response: 2878186
Conc: 18.04 ug/ml

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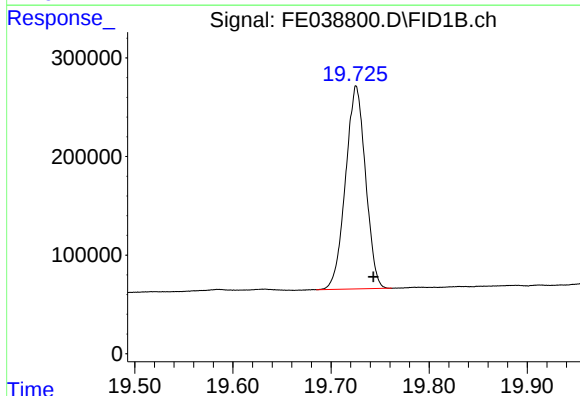
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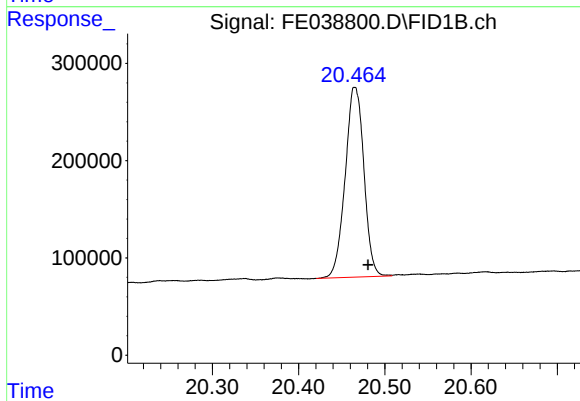
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.020 min
Response: 3019440
Conc: 19.15 ug/ml



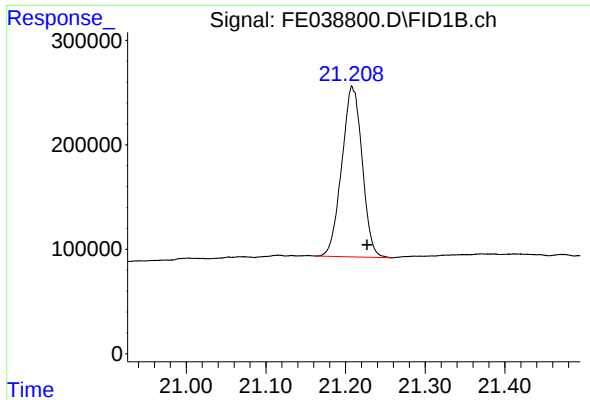
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 2914565
Conc: 19.77 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 2947704
Conc: 20.63 ug/ml



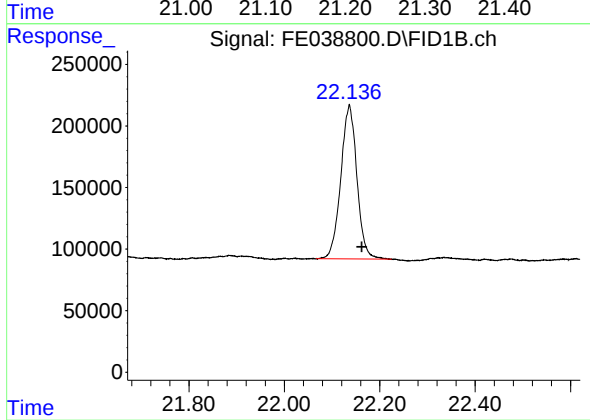
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2902214
Conc: 21.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.026 min
Response: 2924113
Conc: 23.16 ug/ml m