

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038700.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 08:57
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 10 10:04:46 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)	11.965	3140764	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.399	2476832	18.092 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.359	2995366	19.449 ug/ml
2) T n-Decane (C10)	4.608	3055319	19.684 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3283867	19.391 ug/ml
4) T n-Dodecane (C12)	6.771	3061826	19.600 ug/ml
5) T A~2-methylnaphthalene...	7.407	3208314	19.144 ug/ml
6) T n-Tetradecane (C14)	8.597	3034112	19.401 ug/ml
7) T n-Hexadecane (C16)	10.203	3019038	19.109 ug/ml
8) T n-Octadecane (C18)	11.645	2993955	18.691 ug/ml
10) T n-Eicosane (C20)	12.954	2930264	18.186 ug/ml
11) T n-Heneicosane (C21)	13.565	2907520	17.999 ug/ml
13) T n-Docosane (C22)	14.152	2895060	17.933 ug/ml
14) T n-Tetracosane (C24)	15.254	2870524	17.896 ug/ml
15) T n-Hexacosane (C26)	16.274	2837894	17.867 ug/ml
16) T n-Octacosane (C28)	17.223	2910017	18.548 ug/ml
17) T n-Tricontane (C30)	18.112	3173445	19.889 ug/mlm
18) T n-Dotriacontane (C32)	18.944	3317610	21.041 ug/mlm
19) T n-Tetratriacontane (C34)	19.727	3154861	21.400 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	3153468	22.070 ug/ml
21) T n-Octatriacontane (C38)	21.210	3012194	22.302 ug/ml
22) T n-Tetracontane (C40)	22.137	3124215	24.750 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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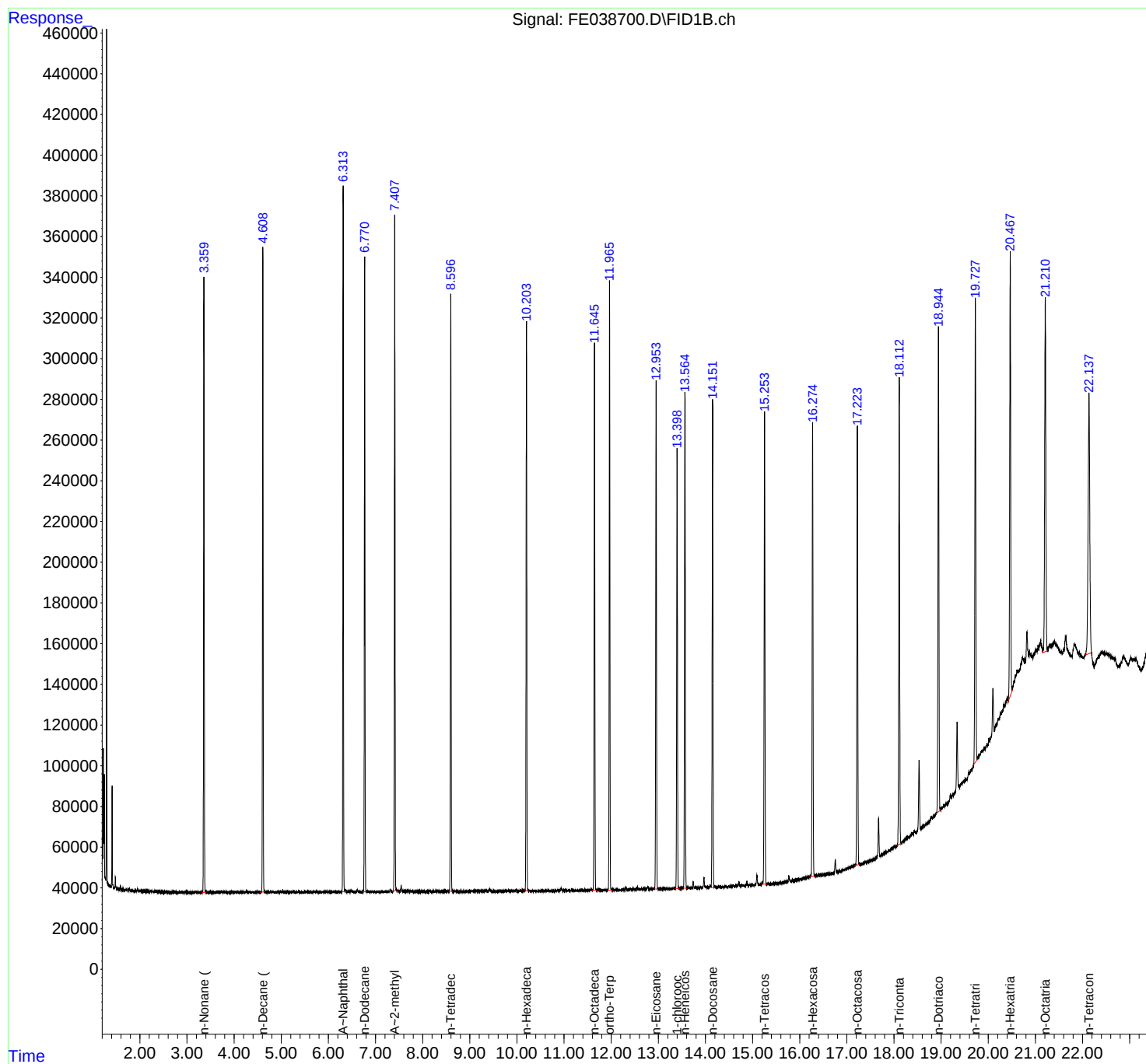
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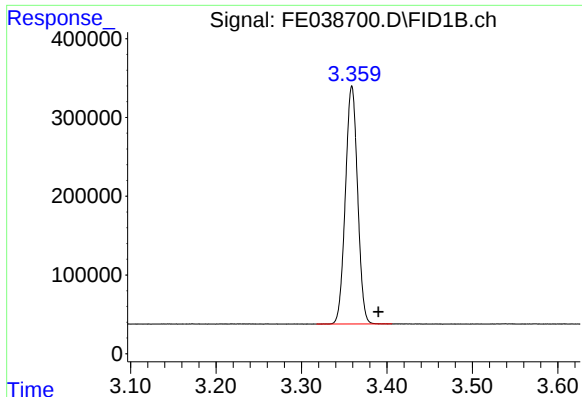
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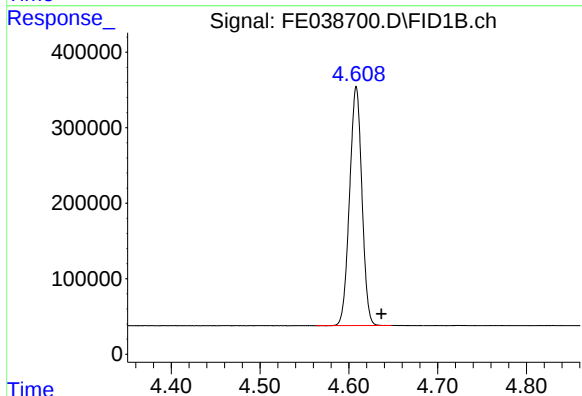
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.031 min
Response: 2995366
Conc: 19.45 ug/ml

Instrument :
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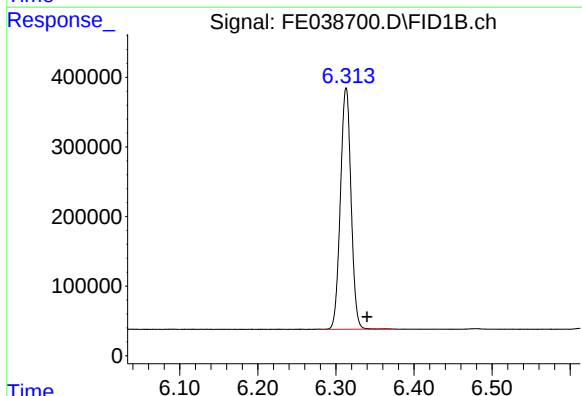
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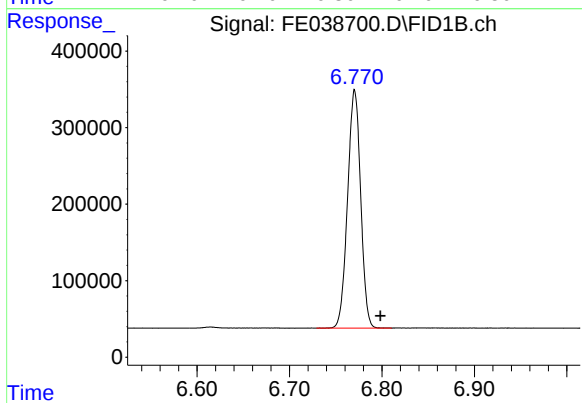
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.028 min
Response: 3055319
Conc: 19.68 ug/ml



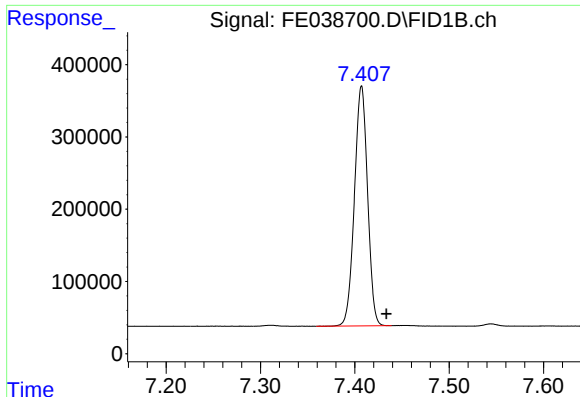
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.027 min
Response: 3283867
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.028 min
Response: 3061826
Conc: 19.60 ug/ml



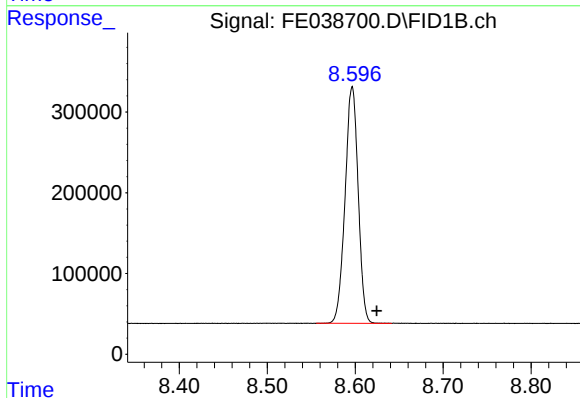
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.026 min
Response: 3208314
Conc: 19.14 ug/ml

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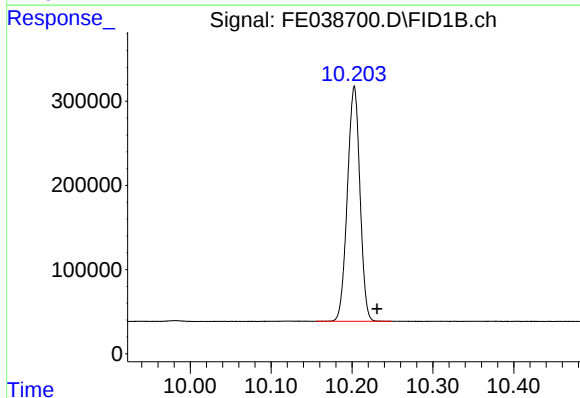
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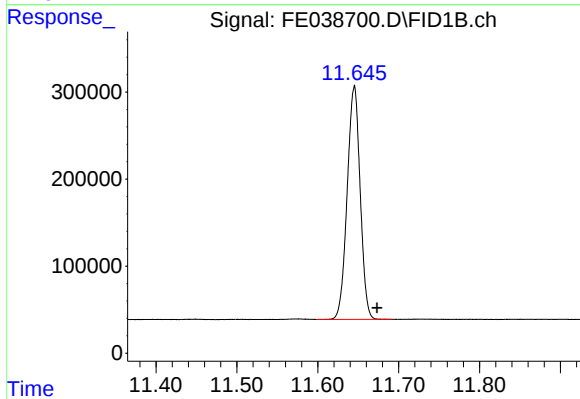
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.028 min
Response: 3034112
Conc: 19.40 ug/ml



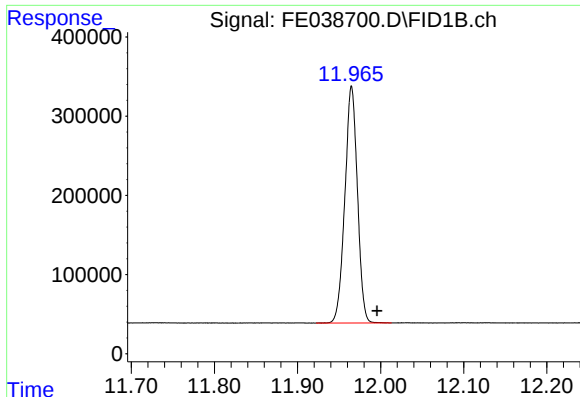
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 3019038
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.028 min
Response: 2993955
Conc: 18.69 ug/ml



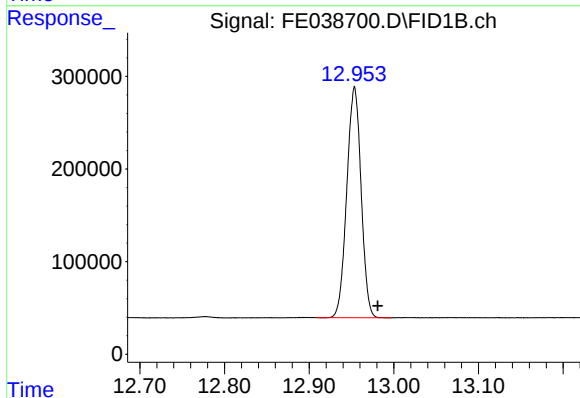
#9 ortho-Terphenyl (SURR)

R.T.: 11.965 min
Delta R.T.: -0.030 min
Response: 3140764
Conc: 18.25 ug/ml

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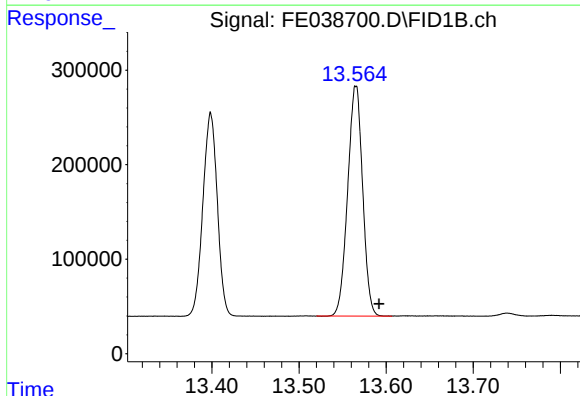
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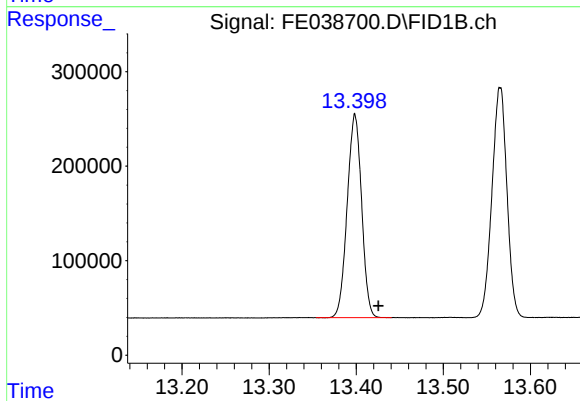
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: -0.027 min
Response: 2930264
Conc: 18.19 ug/ml



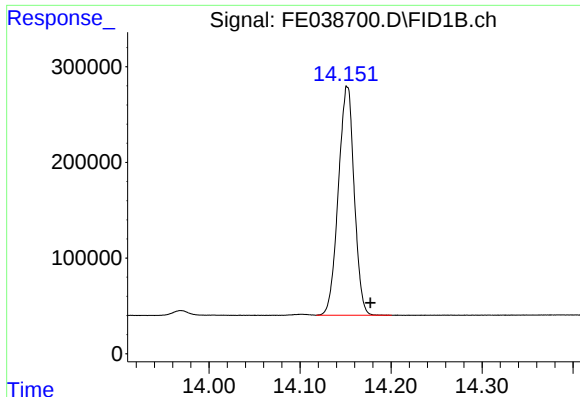
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 2907520
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.027 min
Response: 2476832
Conc: 18.09 ug/ml



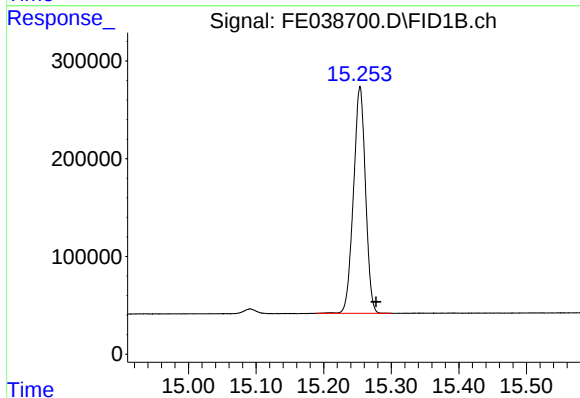
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.025 min
Response: 2895060
Conc: 17.93 ug/ml

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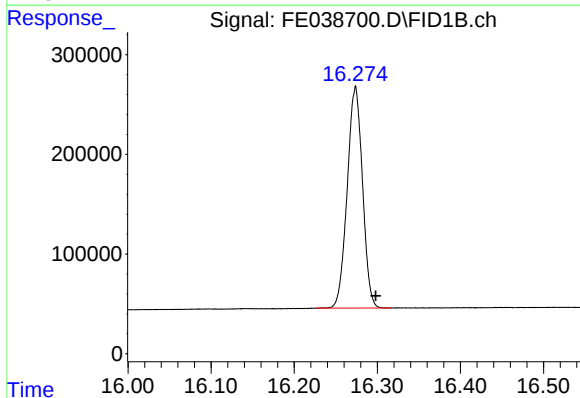
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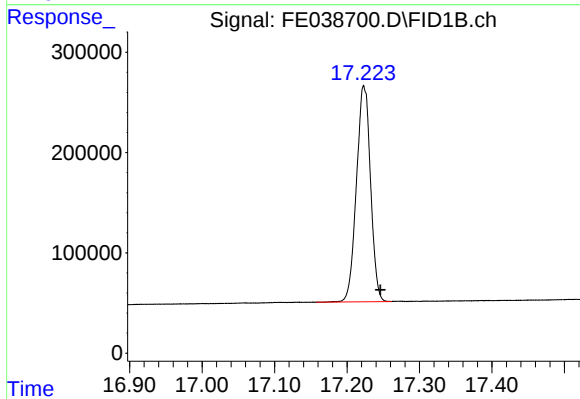
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.024 min
Response: 2870524
Conc: 17.90 ug/ml



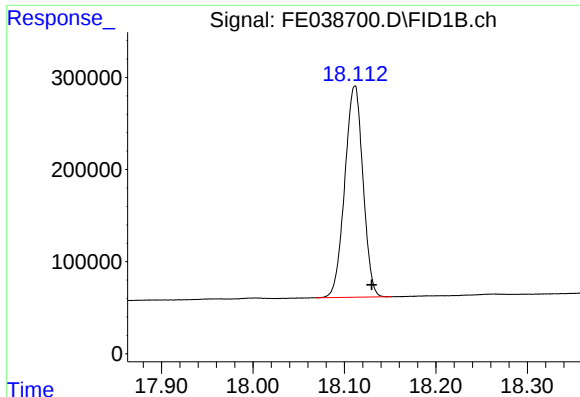
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 2837894
Conc: 17.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 2910017
Conc: 18.55 ug/ml



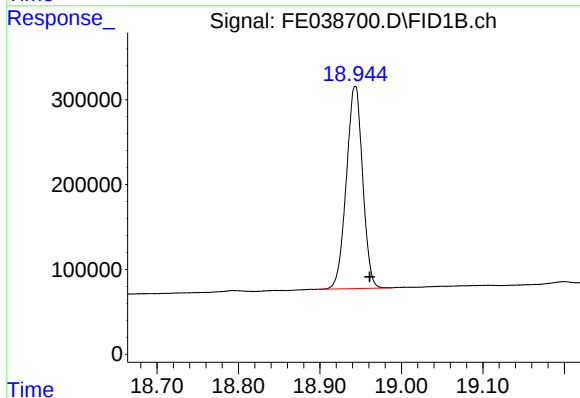
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 3173445
Conc: 19.89 ug/ml

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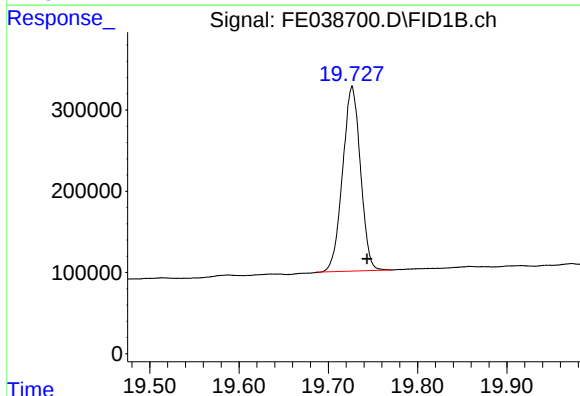
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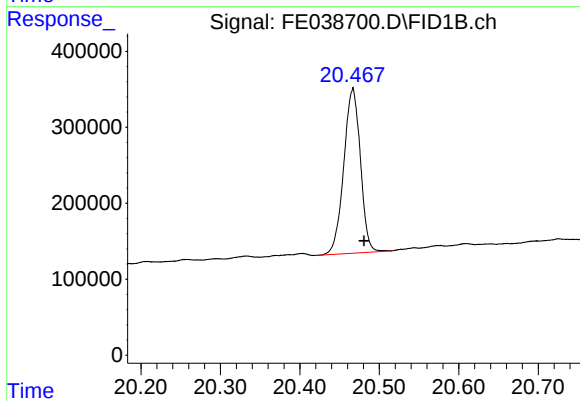
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 3317610
Conc: 21.04 ug/ml m



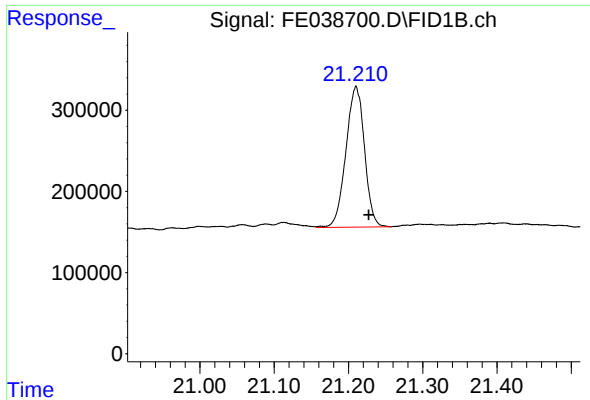
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.017 min
Response: 3154861
Conc: 21.40 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 3153468
Conc: 22.07 ug/ml



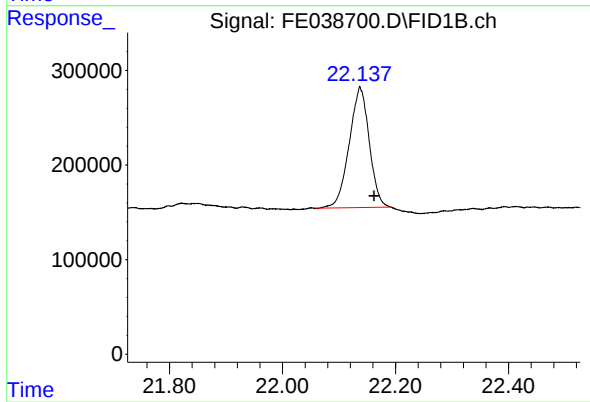
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 3012194
Conc: 22.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.026 min
Response: 3124215
Conc: 24.75 ug/ml m