

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111122AL\
 Data File : FE038759.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 23:31
 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 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 10:00:28 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)	11.967	3364080	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.401	2650831	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.360	3218189	20.896 ug/ml
2) T n-Decane (C10)	4.608	3291395	21.204 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3519020	20.779 ug/ml
4) T n-Dodecane (C12)	6.771	3284744	21.027 ug/ml
5) T A~2-methylnaphthalene...	7.408	3447374	20.571 ug/ml
6) T n-Tetradecane (C14)	8.597	3255573	20.817 ug/ml
7) T n-Hexadecane (C16)	10.204	3241863	20.520 ug/ml
8) T n-Octadecane (C18)	11.646	3217115	20.084 ug/ml
10) T n-Eicosane (C20)	12.956	3146890	19.530 ug/ml
11) T n-Heneicosane (C21)	13.567	3113609	19.275 ug/ml
13) T n-Docosane (C22)	14.154	3091819	19.151 ug/ml
14) T n-Tetracosane (C24)	15.256	3042932	18.971 ug/ml
15) T n-Hexacosane (C26)	16.277	2973970	18.724 ug/ml
16) T n-Octacosane (C28)	17.226	3017698	19.234 ug/ml
17) T n-Tricontane (C30)	18.114	3258986	20.425 ug/ml
18) T n-Dotriacontane (C32)	18.947	3359584	21.308 ug/mlm
19) T n-Tetratriacontane (C34)	19.728	3126550	21.208 ug/mlm
20) T n-Hexatriacontane (C36)	20.472	2998384	20.985 ug/ml
21) T n-Octatriacontane (C38)	21.214	2860436	21.178 ug/mlm
22) T n-Tetracontane (C40)	22.142	3079626	24.397 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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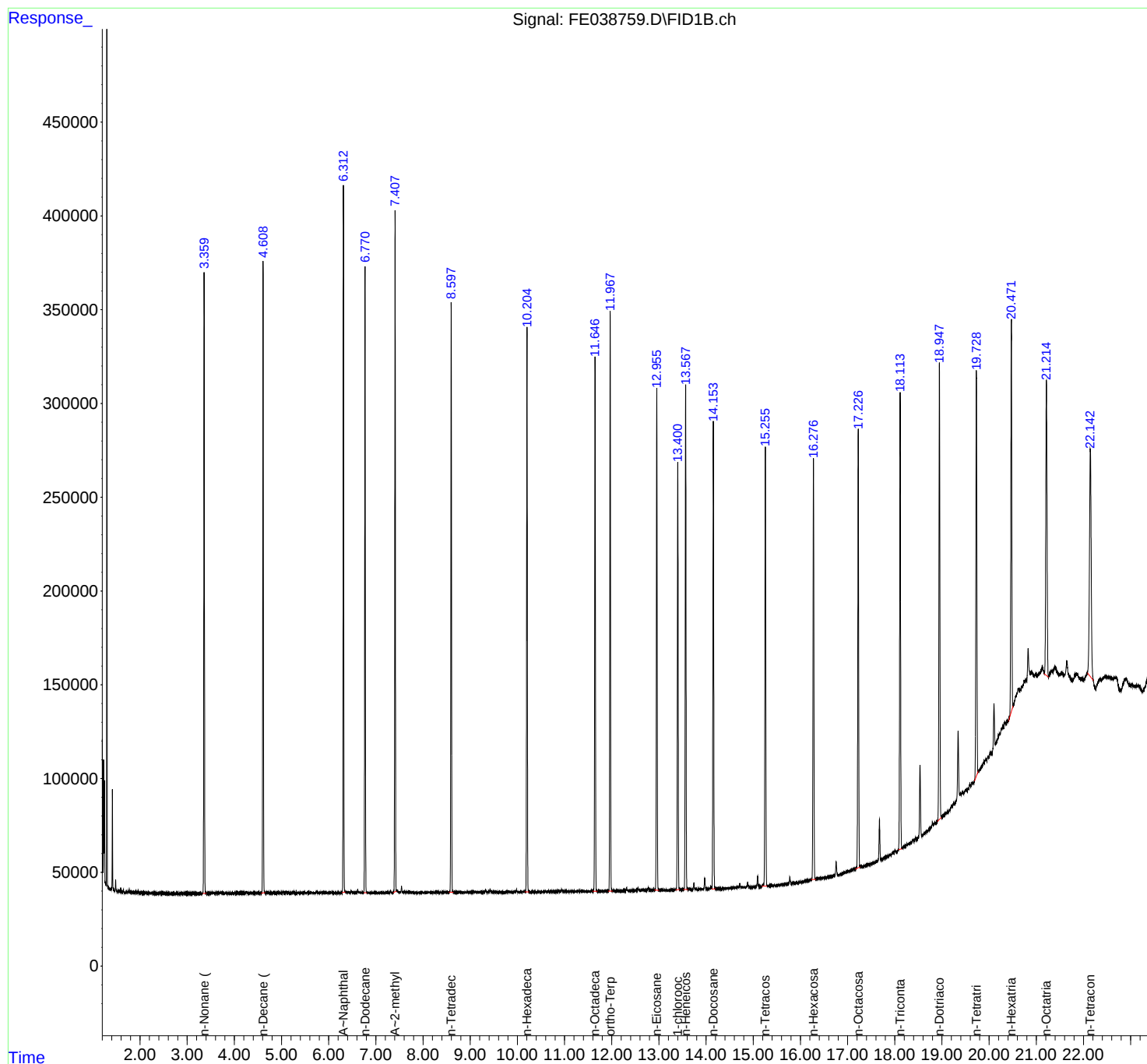
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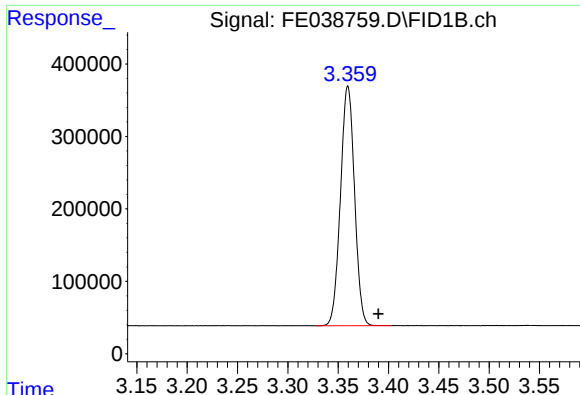
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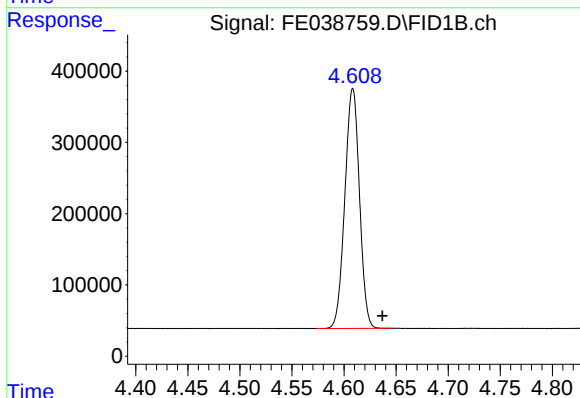
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.030 min
Response: 3218189
Conc: 20.90 ug/ml

Instrument :
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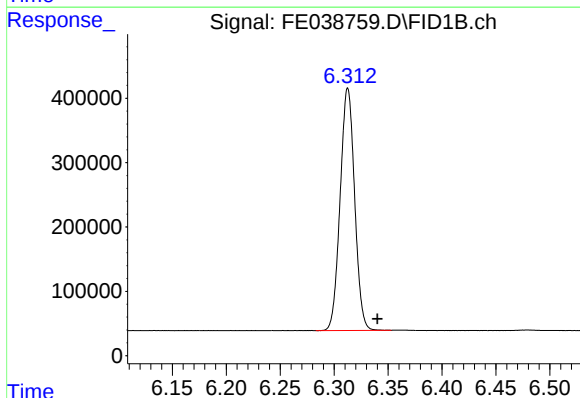
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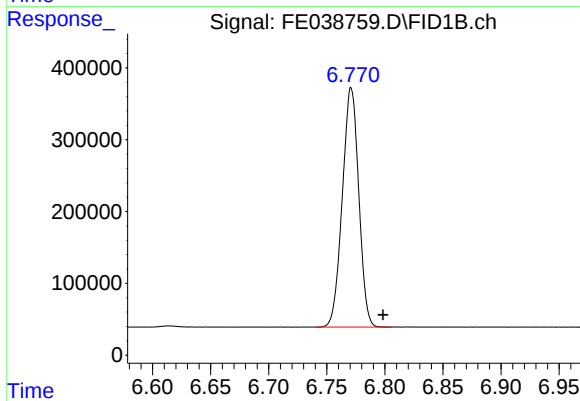
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.028 min
Response: 3291395
Conc: 21.20 ug/ml



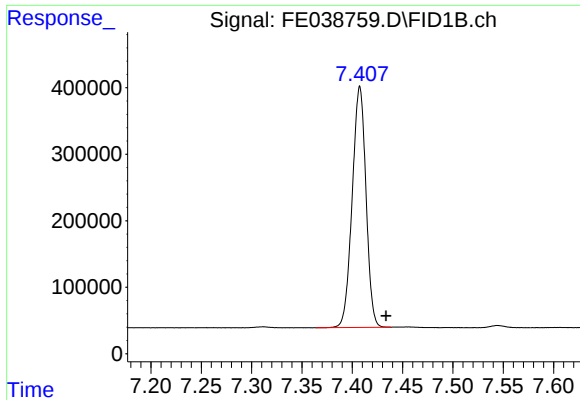
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.027 min
Response: 3519020
Conc: 20.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 3284744
Conc: 21.03 ug/ml



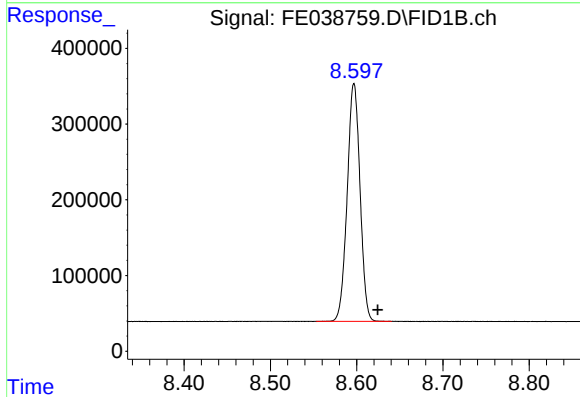
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.026 min
Response: 3447374
Conc: 20.57 ug/ml

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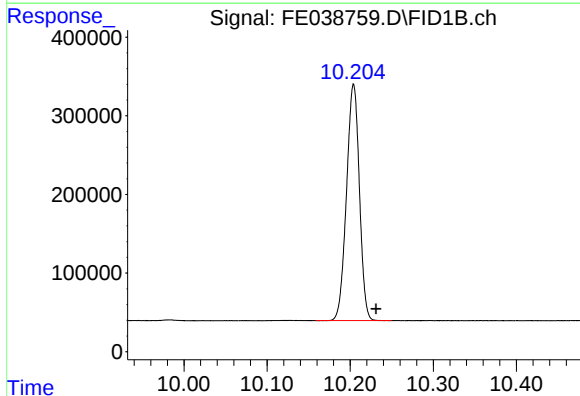
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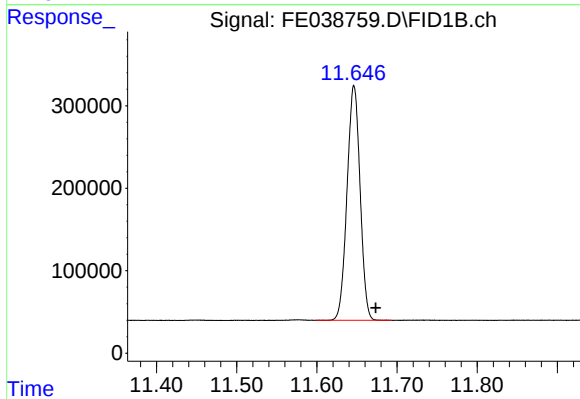
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.028 min
Response: 3255573
Conc: 20.82 ug/ml



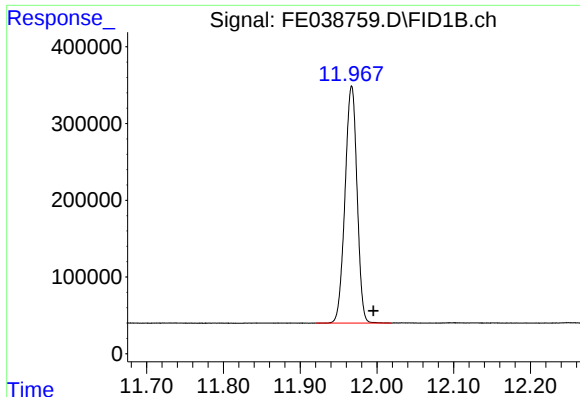
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 3241863
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 3217115
Conc: 20.08 ug/ml



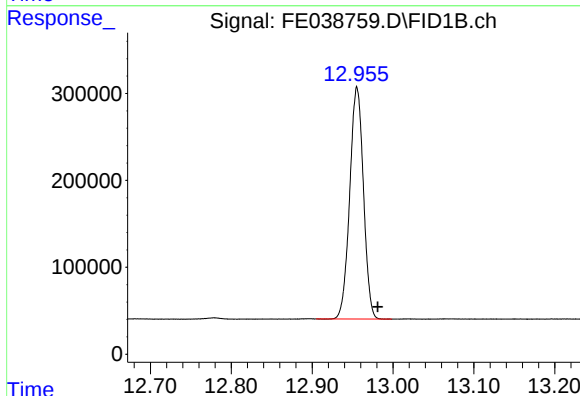
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.028 min
Response: 3364080
Conc: 19.55 ug/ml

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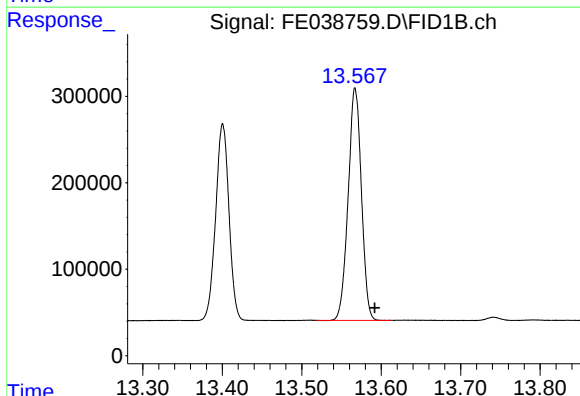
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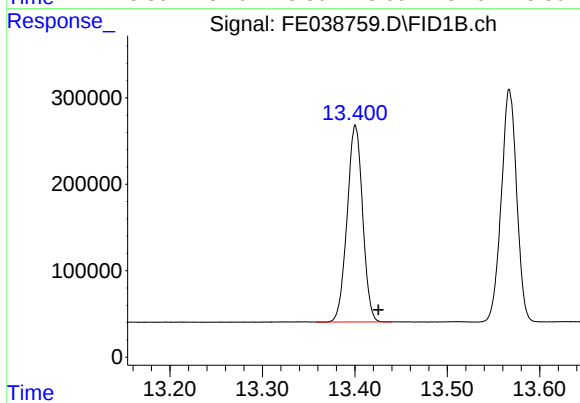
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.026 min
Response: 3146890
Conc: 19.53 ug/ml



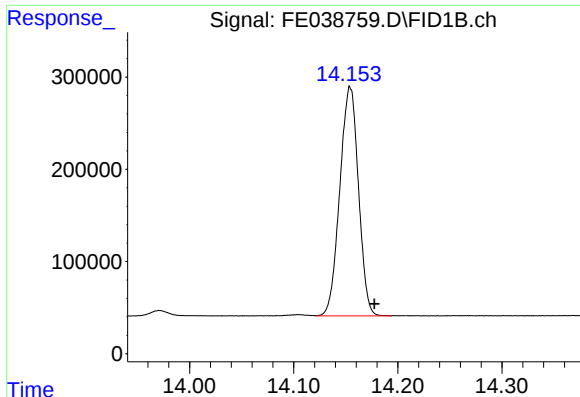
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.025 min
Response: 3113609
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.401 min
Delta R.T.: -0.025 min
Response: 2650831
Conc: 19.36 ug/ml



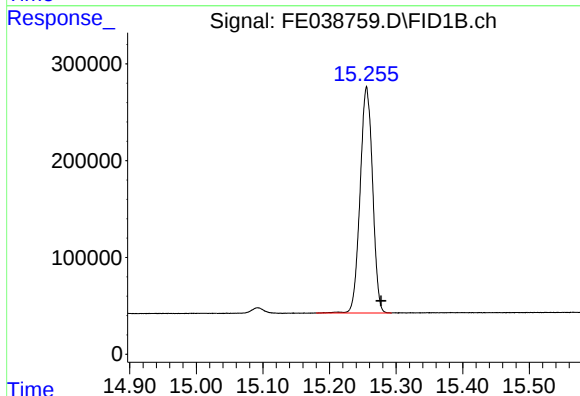
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: -0.023 min
Response: 3091819
Conc: 19.15 ug/ml

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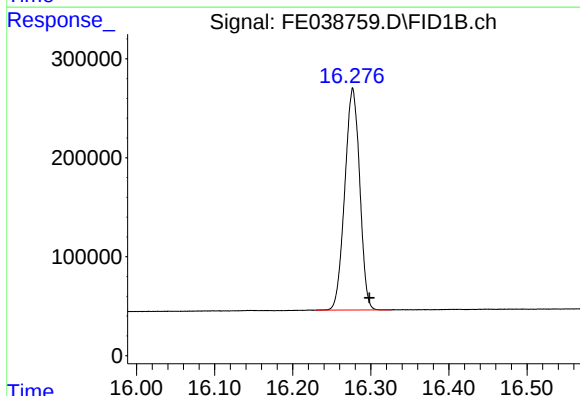
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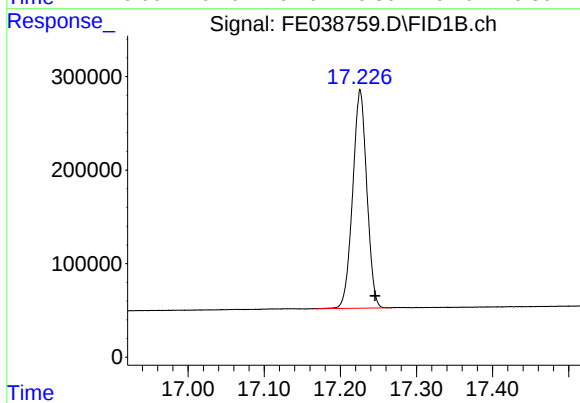
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.022 min
Response: 3042932
Conc: 18.97 ug/ml



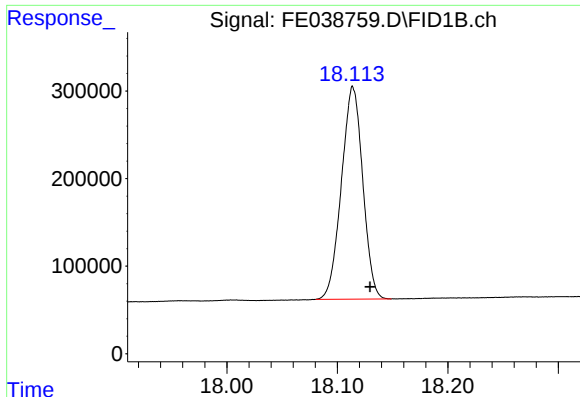
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.021 min
Response: 2973970
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.020 min
Response: 3017698
Conc: 19.23 ug/ml



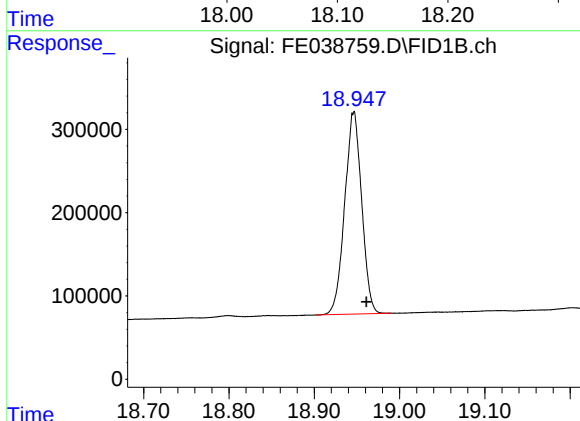
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.016 min
Response: 3258986
Conc: 20.43 ug/ml

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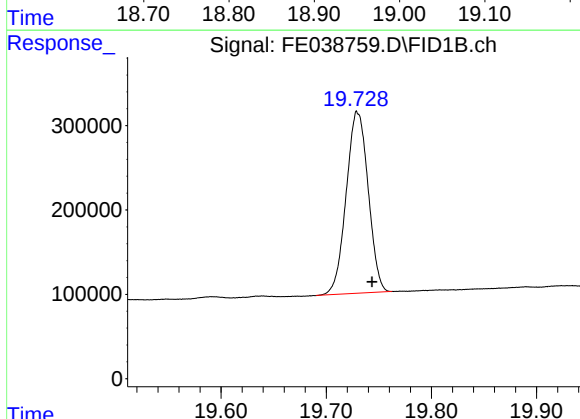
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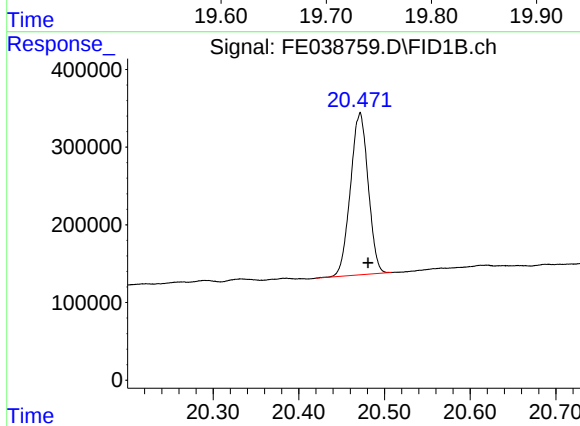
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.014 min
Response: 3359584
Conc: 21.31 ug/ml m



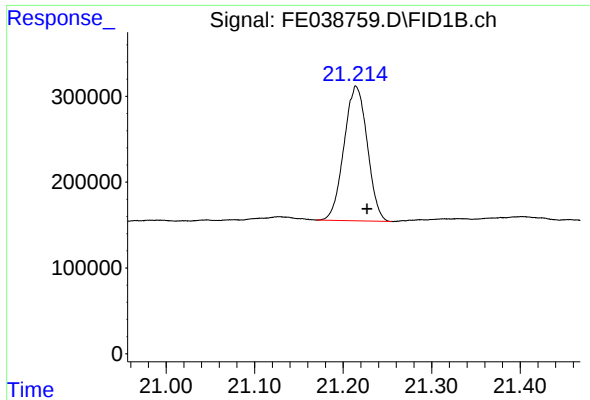
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.015 min
Response: 3126550
Conc: 21.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: -0.009 min
Response: 2998384
Conc: 20.98 ug/ml



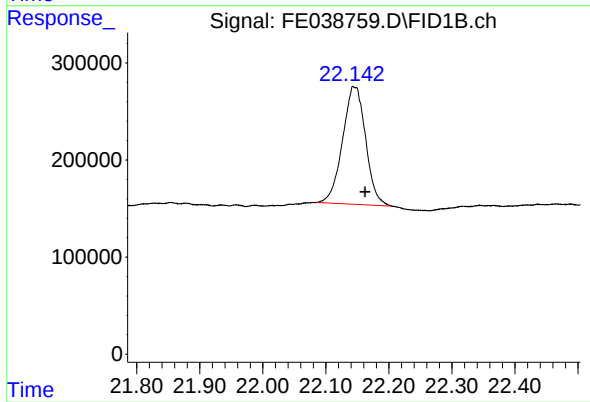
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.013 min
Response: 2860436
Conc: 21.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.020 min
Response: 3079626
Conc: 24.40 ug/ml m