

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110922AL\
 Data File : FE038697.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 06:04
 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 06:28:14 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	3144701	18.276 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	13.401	2477866	18.100 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	3.360	3015510	19.580 ug/ml
2) T n-Decane (C10)	4.609	3074551	19.807 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3287979	19.415 ug/ml
4) T n-Dodecane (C12)	6.772	3078030	19.704 ug/ml
5) T A~2-methylnaphthalene...	7.408	3217002	19.196 ug/ml
6) T n-Tetradecane (C14)	8.597	3043723	19.463 ug/ml
7) T n-Hexadecane (C16)	10.204	3025090	19.147 ug/ml
8) T n-Octadecane (C18)	11.647	2997772	18.715 ug/ml
10) T n-Eicosane (C20)	12.955	2937559	18.231 ug/ml
11) T n-Heneicosane (C21)	13.567	2913001	18.033 ug/ml
13) T n-Docosane (C22)	14.153	2901197	17.971 ug/ml
14) T n-Tetracosane (C24)	15.255	2888842	18.010 ug/ml
15) T n-Hexacosane (C26)	16.275	2846928	17.924 ug/ml
16) T n-Octacosane (C28)	17.225	2927107	18.657 ug/ml
17) T n-Tricontane (C30)	18.113	3135232	19.650 ug/ml
18) T n-Dotriacontane (C32)	18.943	3337252	21.166 ug/ml
19) T n-Tetratriacontane (C34)	19.725	3196732	21.684 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	3207965	22.451 ug/ml
21) T n-Octatriacontane (C38)	21.210	2883612	21.350 ug/mlm
22) T n-Tetracontane (C40)	22.138	3073933	24.352 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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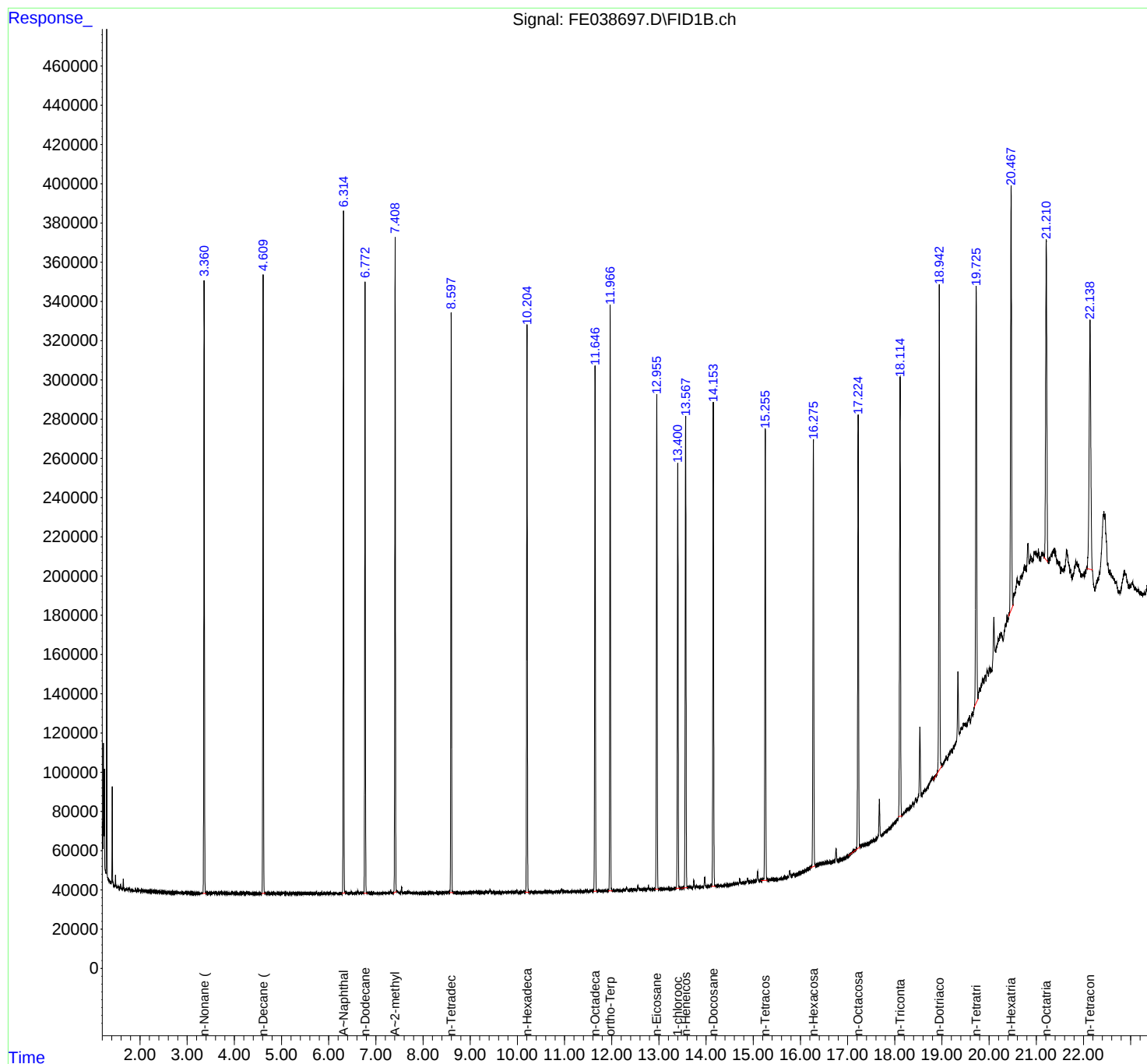
Instrument :
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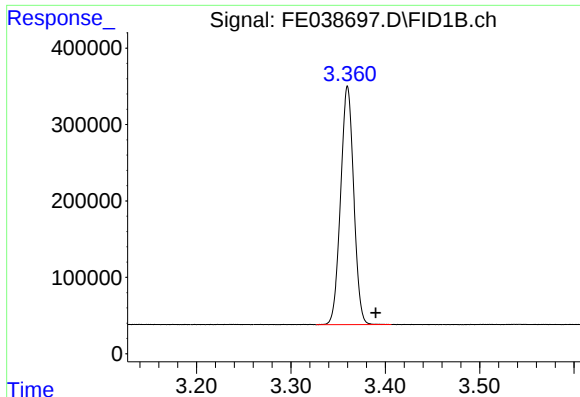
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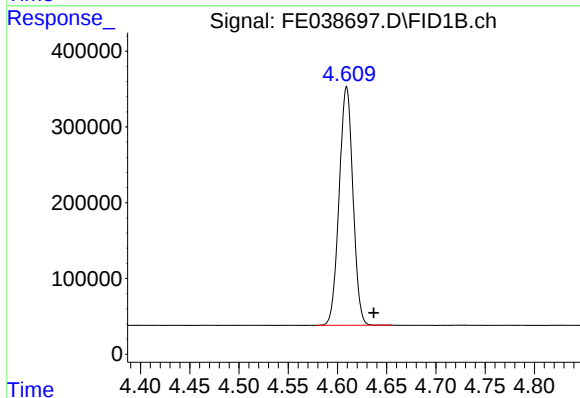
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.030 min
Response: 3015510
Conc: 19.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

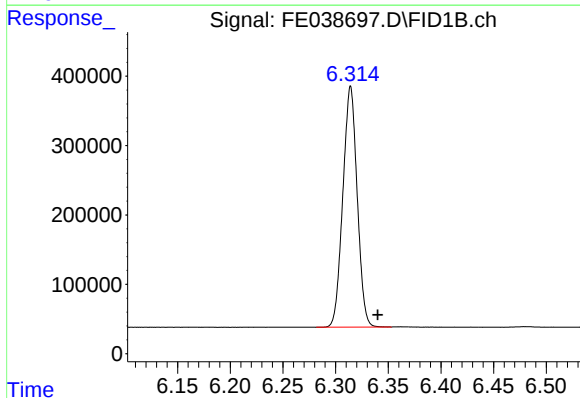
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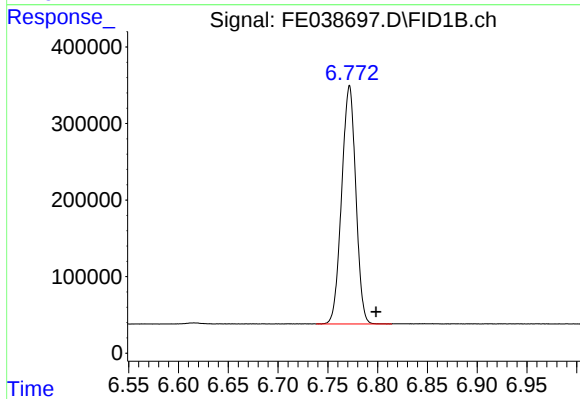
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.027 min
Response: 3074551
Conc: 19.81 ug/ml



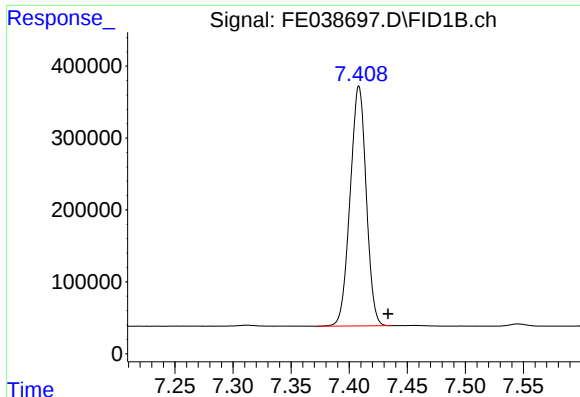
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.026 min
Response: 3287979
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.027 min
Response: 3078030
Conc: 19.70 ug/ml



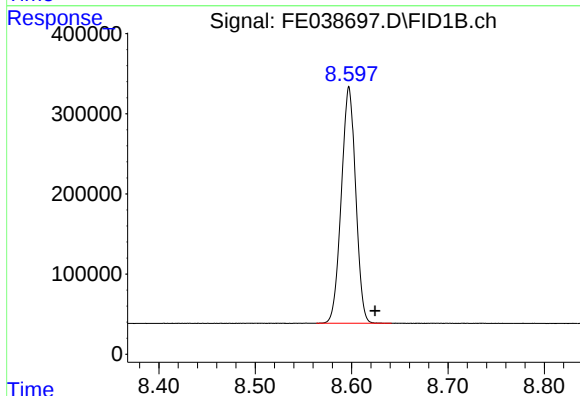
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.025 min
Response: 3217002
Conc: 19.20 ug/ml

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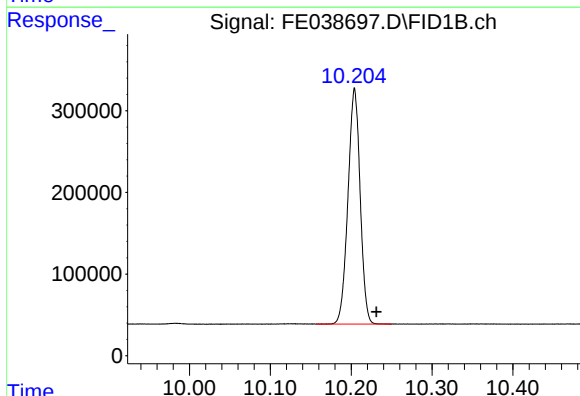
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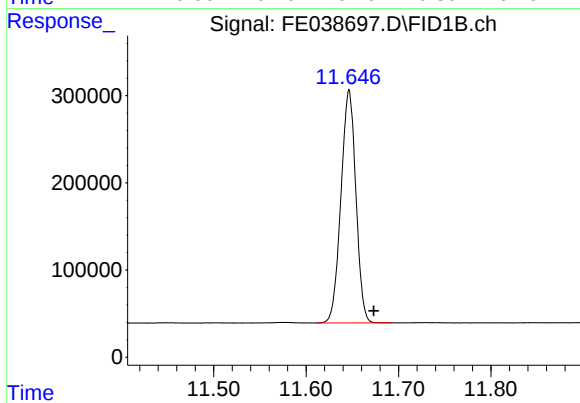
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.027 min
Response: 3043723
Conc: 19.46 ug/ml



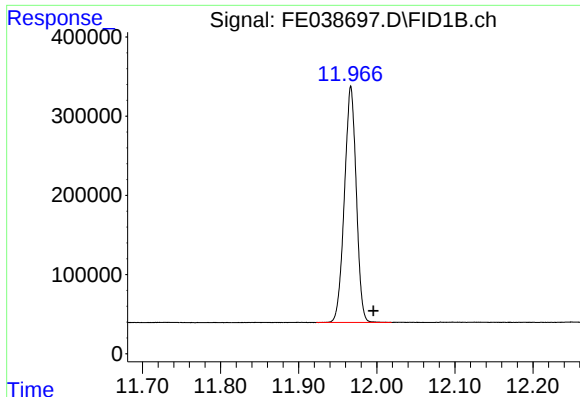
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 3025090
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.027 min
Response: 2997772
Conc: 18.72 ug/ml



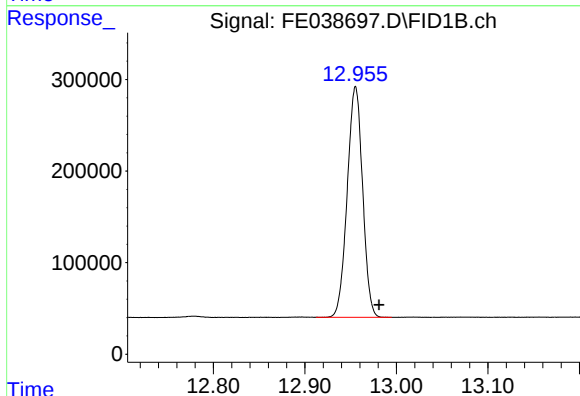
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.029 min
Response: 3144701
Conc: 18.28 ug/ml

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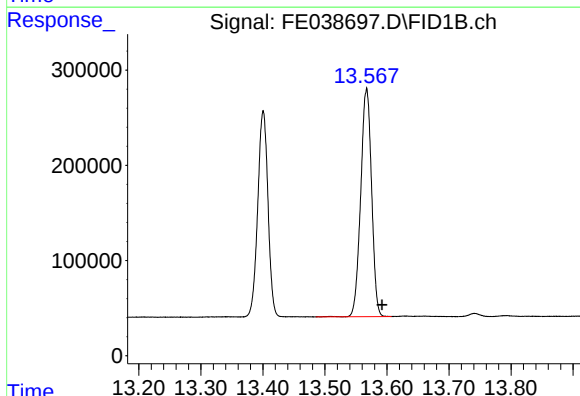
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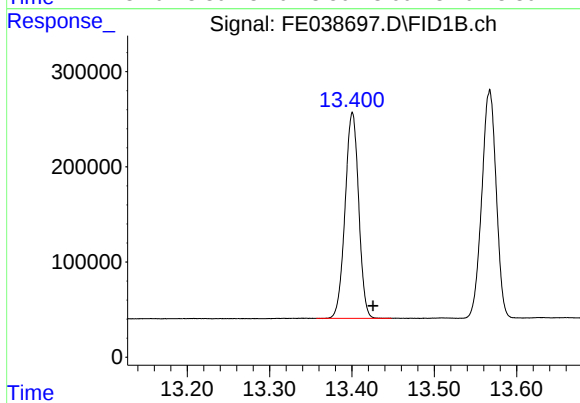
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.026 min
Response: 2937559
Conc: 18.23 ug/ml



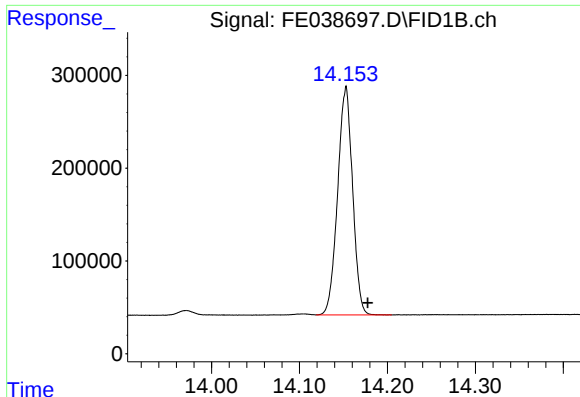
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.025 min
Response: 2913001
Conc: 18.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.401 min
Delta R.T.: -0.025 min
Response: 2477866
Conc: 18.10 ug/ml



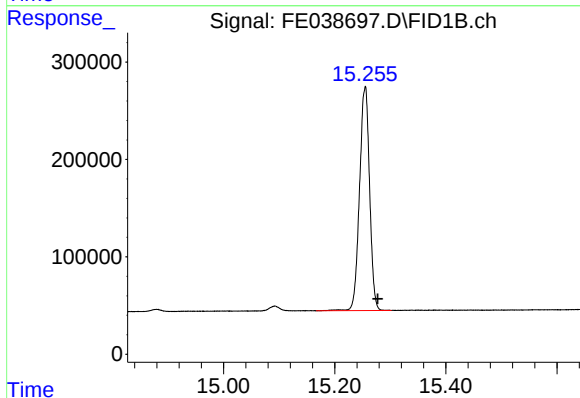
#13 n-Docosane (C22)

R.T.: 14.153 min
Delta R.T.: -0.025 min
Response: 2901197
Conc: 17.97 ug/ml

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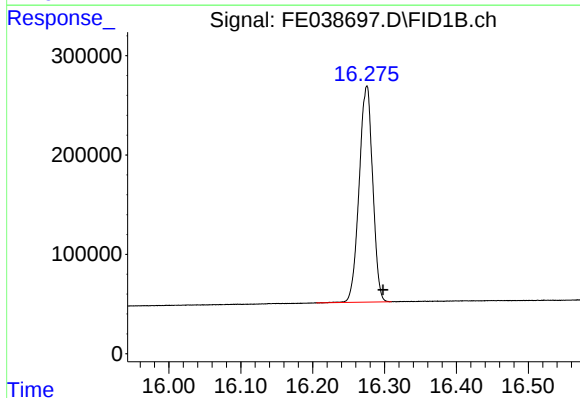
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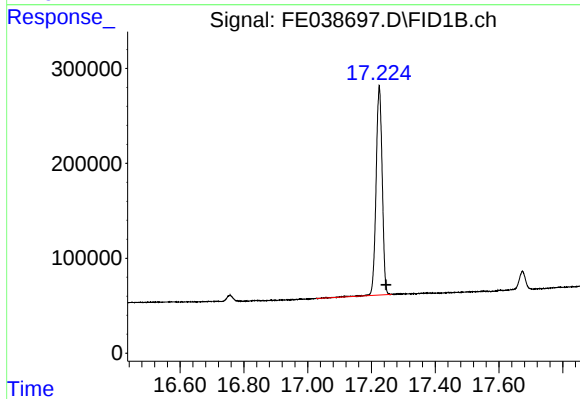
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.022 min
Response: 2888842
Conc: 18.01 ug/ml



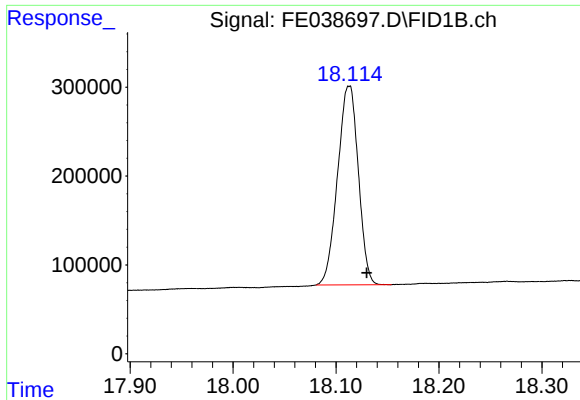
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.023 min
Response: 2846928
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.021 min
Response: 2927107
Conc: 18.66 ug/ml



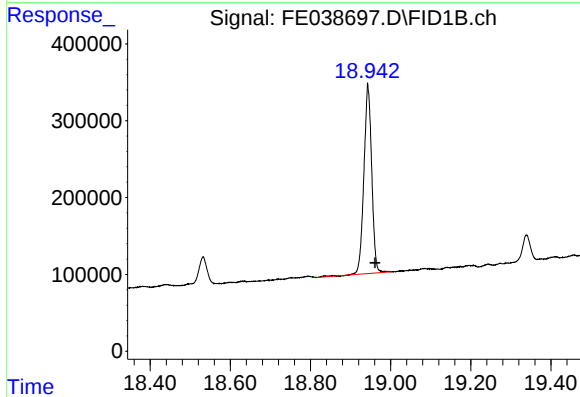
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.017 min
Response: 3135232
Conc: 19.65 ug/ml

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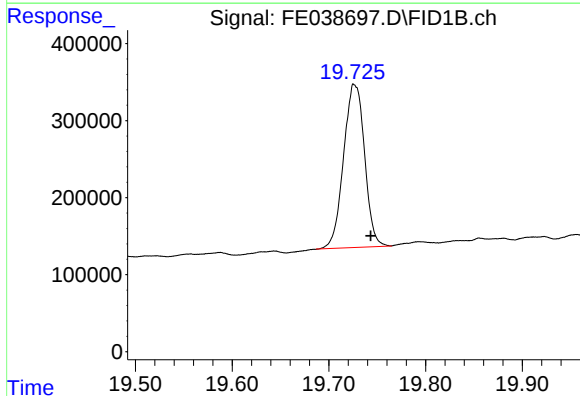
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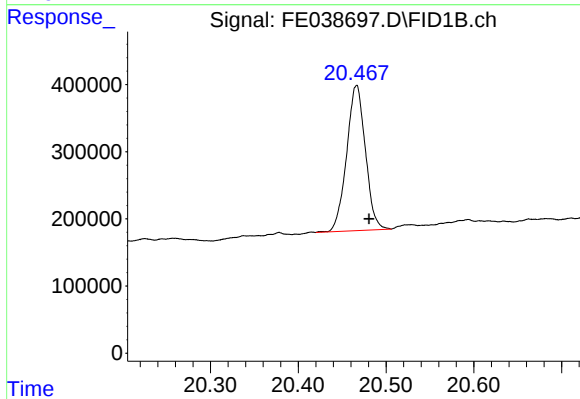
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.018 min
Response: 3337252
Conc: 21.17 ug/ml



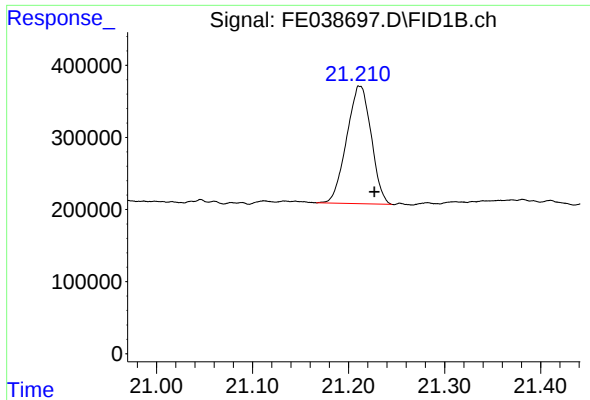
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.019 min
Response: 3196732
Conc: 21.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.014 min
Response: 3207965
Conc: 22.45 ug/ml



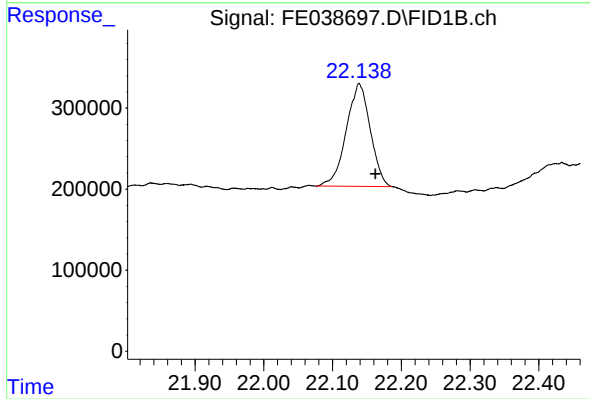
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 2883612
Conc: 21.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.024 min
Response: 3073933
Conc: 24.35 ug/ml m