

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038838.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 19:51
 Operator : YP\AJ
 Sample : N5691-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-358MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File: sample.E
 Quant Time: Nov 20 10:19:13 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)	11.959	5189162	30.157 ug/mlm
Spiked Amount 50.000		Recovery =	60.31%
12) S 1-chlorooctadecane (S...	13.394	4307924	31.467 ug/ml
Spiked Amount 50.000		Recovery =	62.93%
Target Compounds			
1) T n-Nonane (C9)	3.355	4392825	28.523 ug/ml
2) T n-Decane (C10)	4.604	4984975	32.115 ug/mlm
3) T A~Naphthalene (C11.7)	6.306	5869147	34.656 ug/ml
4) T n-Dodecane (C12)	6.765	5576150	35.695 ug/ml
5) T A~2-methylnaphthalene...	7.400	5816326	34.707 ug/ml
6) T n-Tetradecane (C14)	8.593	5759541	36.828 ug/ml
7) T n-Hexadecane (C16)	10.198	6060795	38.362 ug/ml
8) T n-Octadecane (C18)	11.640	6170579	38.523 ug/ml
10) T n-Eicosane (C20)	12.950	6076927	37.715 ug/ml
11) T n-Heneicosane (C21)	13.561	5934523	36.739 ug/ml
13) T n-Docosane (C22)	14.147	6017333	37.273 ug/ml
14) T n-Tetracosane (C24)	15.240	11808783	73.622 ug/ml
15) T n-Hexacosane (C26)	16.272	5654596	35.600 ug/ml
16) T n-Octacosane (C28)	17.220	5652029	36.025 ug/mlm
17) T n-Tricontane (C30)	18.108	5430816	34.037 ug/ml
18) T n-Dotriacontane (C32)	18.940	5465789	34.666 ug/ml
19) T n-Tetratriacontane (C34)	19.725	5413378	36.720 ug/ml
20) T n-Hexatriacontane (C36)	20.463	5141317	35.982 ug/ml
21) T n-Octatriacontane (C38)	21.204	5141166	38.065 ug/mlm
22) T n-Tetracontane (C40)	22.129	5193086	41.140 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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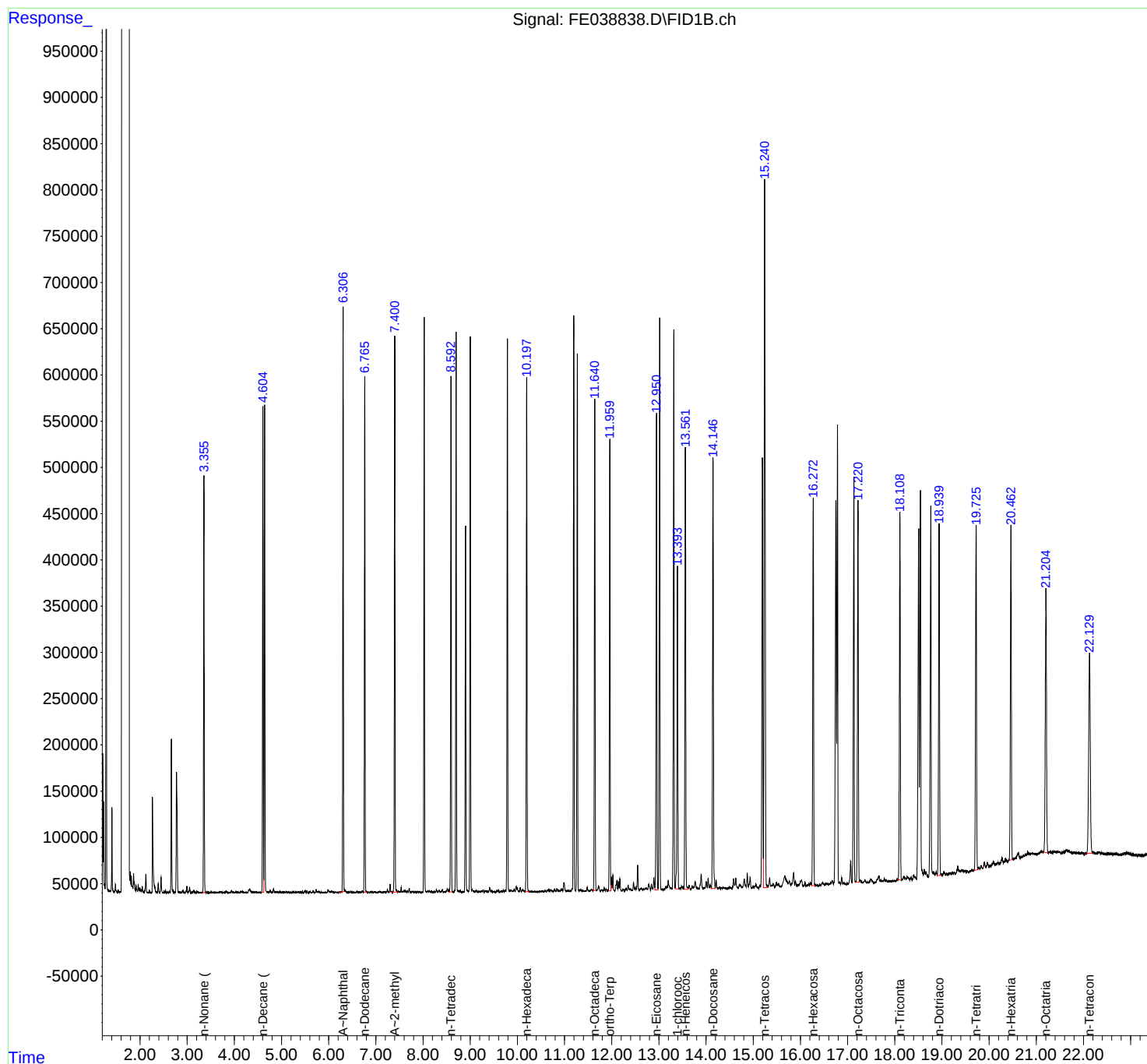
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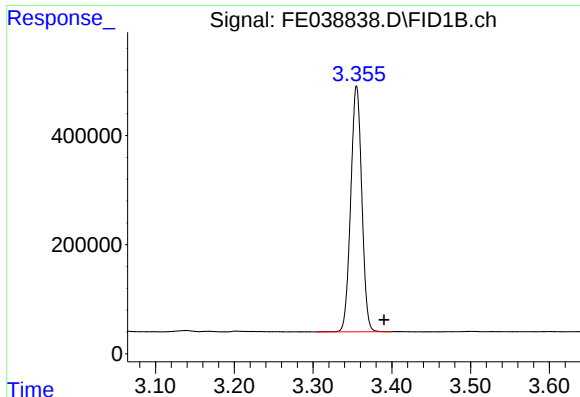
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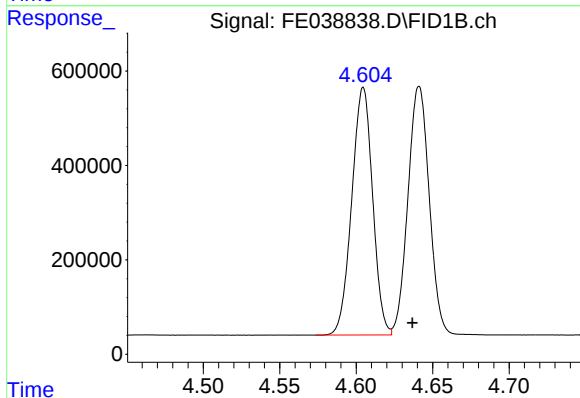
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.035 min
Response: 4392825
Conc: 28.52 ug/ml

Instrument :
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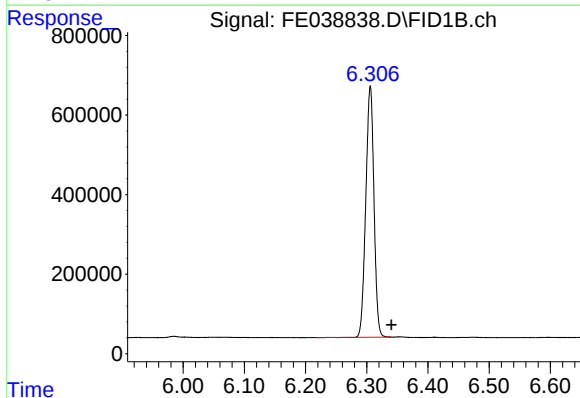
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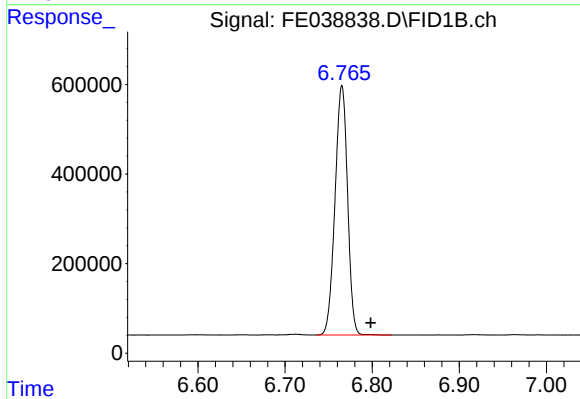
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.032 min
Response: 4984975
Conc: 32.12 ug/ml m



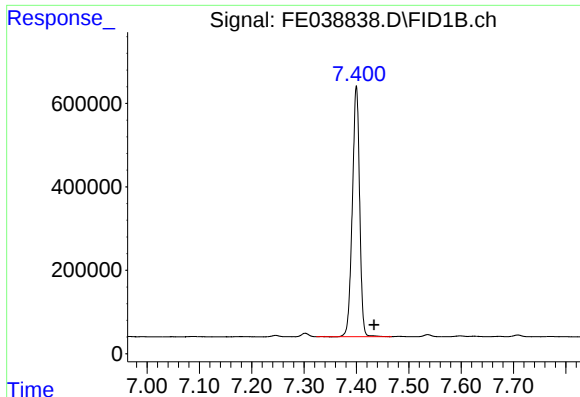
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.034 min
Response: 5869147
Conc: 34.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.765 min
Delta R.T.: -0.033 min
Response: 5576150
Conc: 35.70 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.034 min
Response: 5816326
Conc: 34.71 ug/ml

Instrument :

FID_E

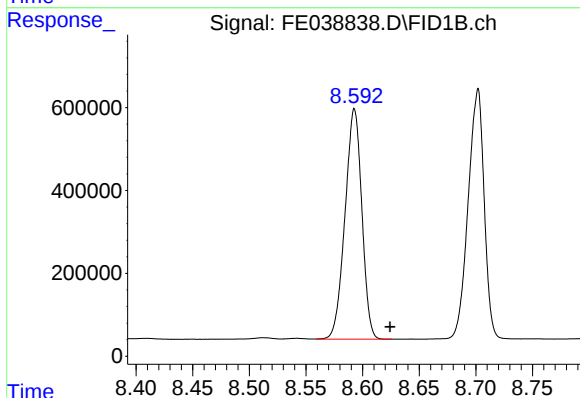
ClientSampleId :

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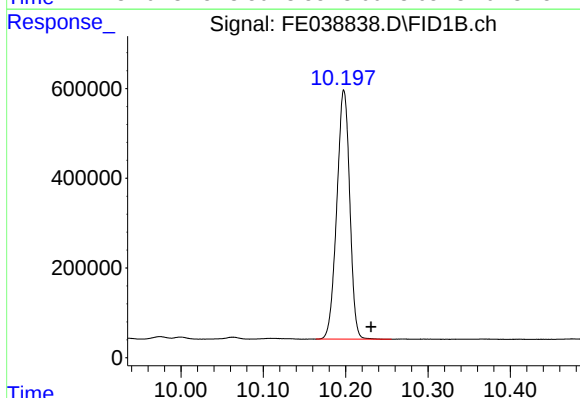
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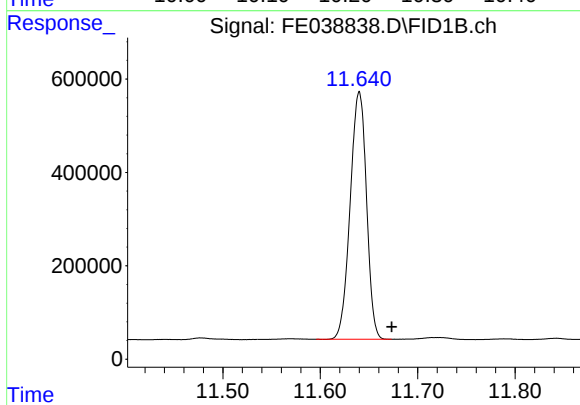
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.032 min
Response: 5759541
Conc: 36.83 ug/ml



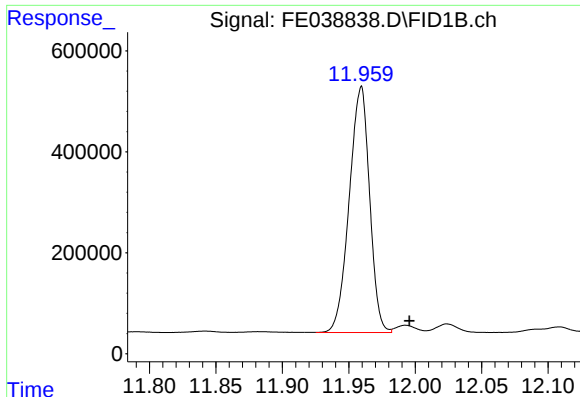
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.033 min
Response: 6060795
Conc: 38.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.033 min
Response: 6170579
Conc: 38.52 ug/ml



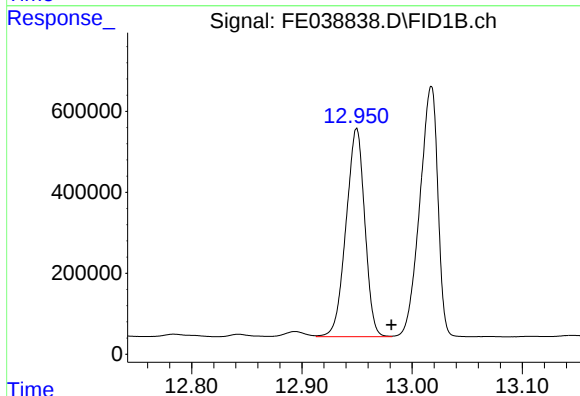
#9 ortho-Terphenyl (SURR)

R.T.: 11.959 min
Delta R.T.: -0.036 min
Response: 5189162
Conc: 30.16 ug/ml

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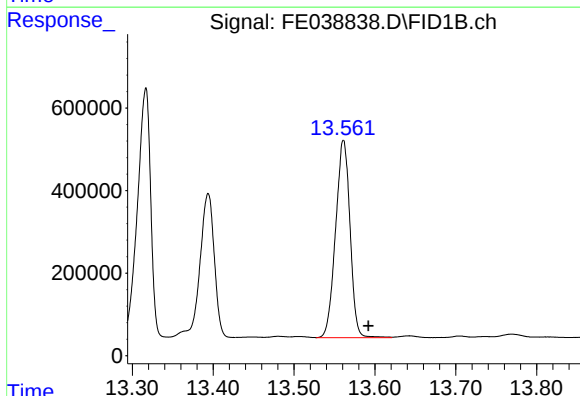
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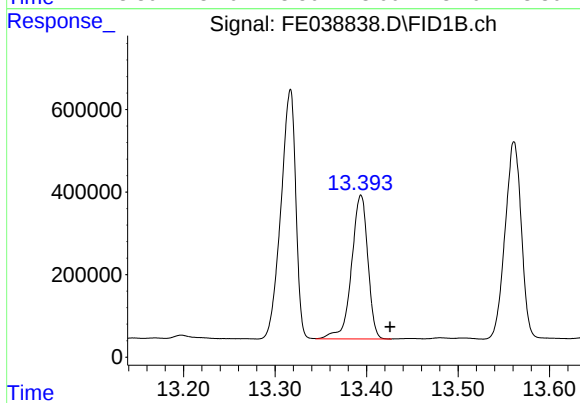
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 6076927
Conc: 37.72 ug/ml



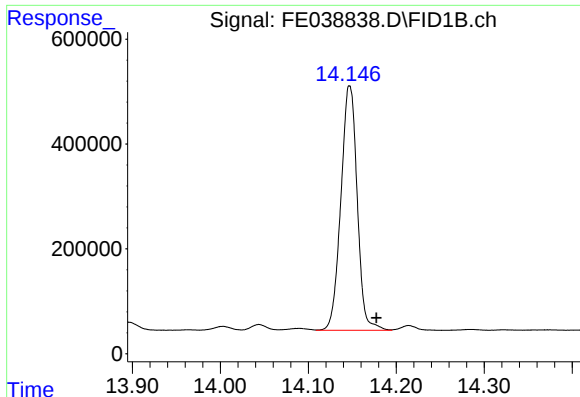
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 5934523
Conc: 36.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.032 min
Response: 4307924
Conc: 31.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.031 min
Response: 6017333
Conc: 37.27 ug/ml

Instrument :

FID_E

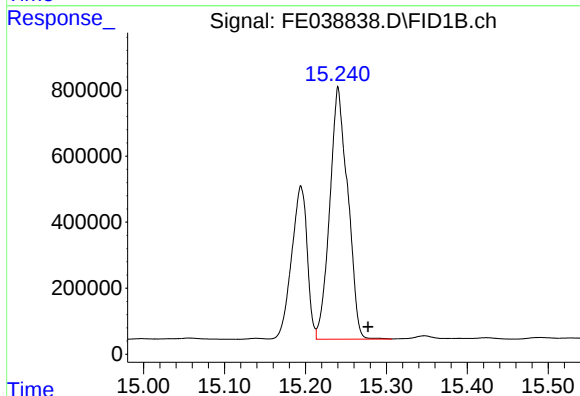
ClientSampleId :

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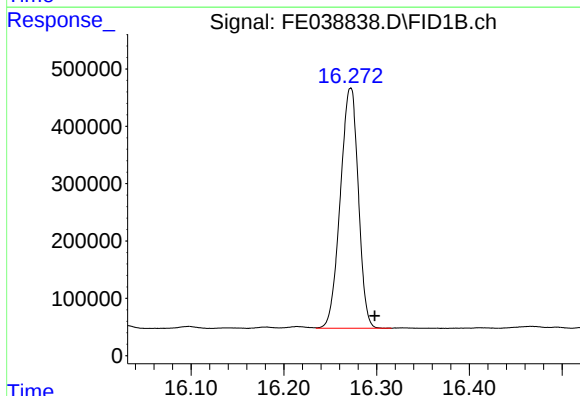
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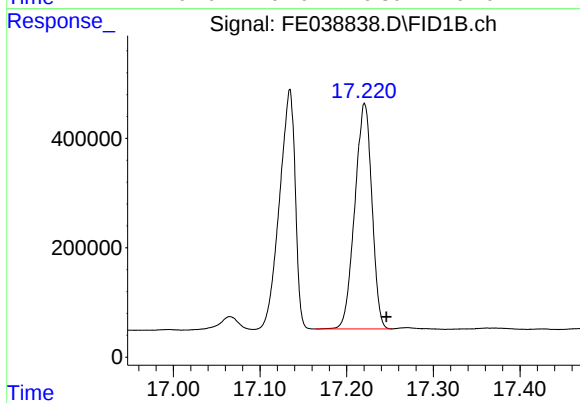
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.037 min
Response: 11808783
Conc: 73.62 ug/ml



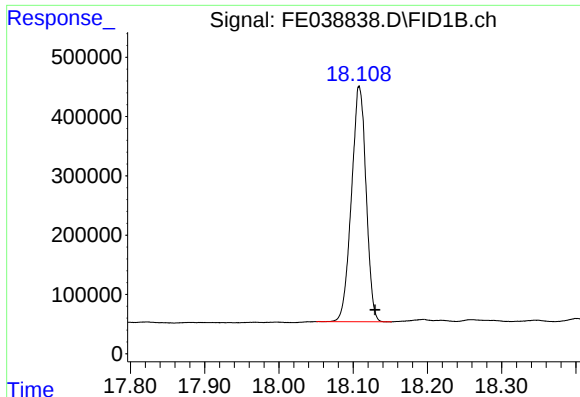
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 5654596
Conc: 35.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 5652029
Conc: 36.03 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.021 min
Response: 5430816
Conc: 34.04 ug/ml

Instrument :

FID_E

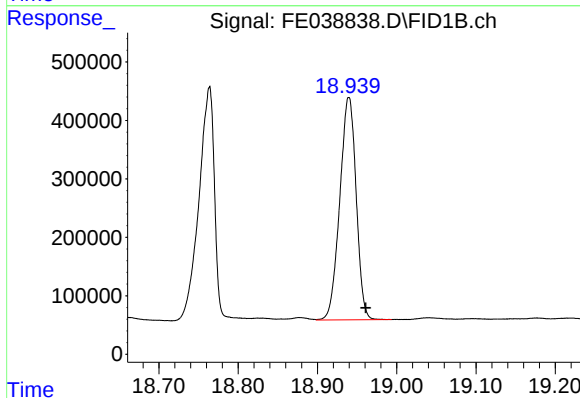
ClientSampleId :

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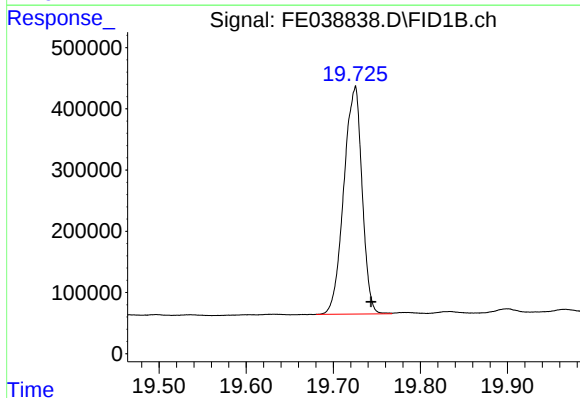
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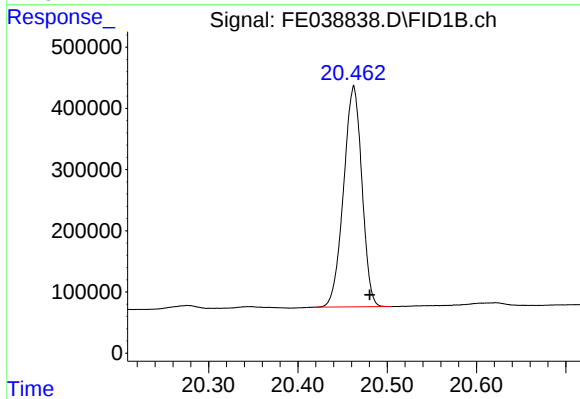
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.022 min
Response: 5465789
Conc: 34.67 ug/ml



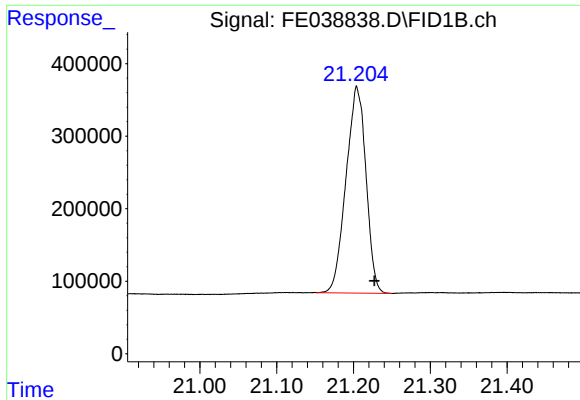
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.018 min
Response: 5413378
Conc: 36.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.018 min
Response: 5141317
Conc: 35.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 5141166
Conc: 38.06 ug/ml

Instrument :

FID_E

ClientSampleId :

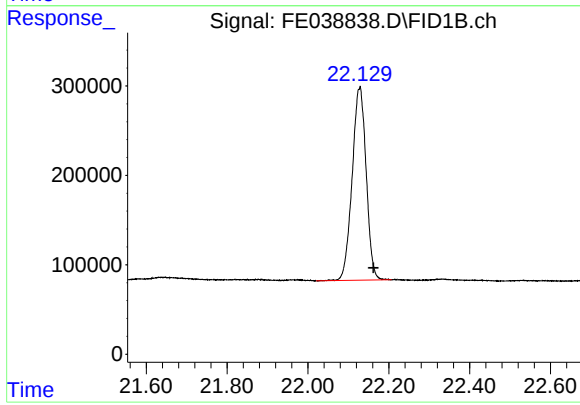
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.034 min
Response: 5193086
Conc: 41.14 ug/ml