

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112222AL\
 Data File : FE038916.D
 Signal(s) : FID1B.ch
 Acq On : 23 Nov 2022 01:41
 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 11/23/2022
 Supervised By :Ankita Jodhani 11/23/2022

Integration File: sample.E
 Quant Time: Nov 23 03:27:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.953	2790172	17.836 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	13.388	2148356	17.793 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.348	2520125	17.779 ug/ml
2) T n-Decane (C10)	4.597	2485100	17.830 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2860231	17.983 ug/ml
4) T n-Dodecane (C12)	6.760	2523286	17.901 ug/ml
5) T A~2-methylnaphthalene...	7.394	2673840	17.865 ug/ml
6) T n-Tetradecane (C14)	8.585	2559711	17.922 ug/ml
7) T n-Hexadecane (C16)	10.191	2623917	17.946 ug/ml
8) T n-Octadecane (C18)	11.633	2633141	17.894 ug/ml
10) T n-Eicosane (C20)	12.942	2529716	17.820 ug/ml
11) T n-Heneicosane (C21)	13.553	2523519	17.759 ug/ml
13) T n-Docosane (C22)	14.140	2494475	17.845 ug/ml
14) T n-Tetracosane (C24)	15.242	2457094	17.792 ug/ml
15) T n-Hexacosane (C26)	16.262	2392584	17.813 ug/ml
16) T n-Octacosane (C28)	17.211	2400109	18.073 ug/ml
17) T n-Tricontane (C30)	18.098	2423346	18.350 ug/ml
18) T n-Dotriacontane (C32)	18.931	2475727	18.563 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2462294	18.608 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2415617	18.803 ug/ml
21) T n-Octatriacontane (C38)	21.197	2477818	18.909 ug/mlm
22) T n-Tetracontane (C40)	22.117	2484621	18.247 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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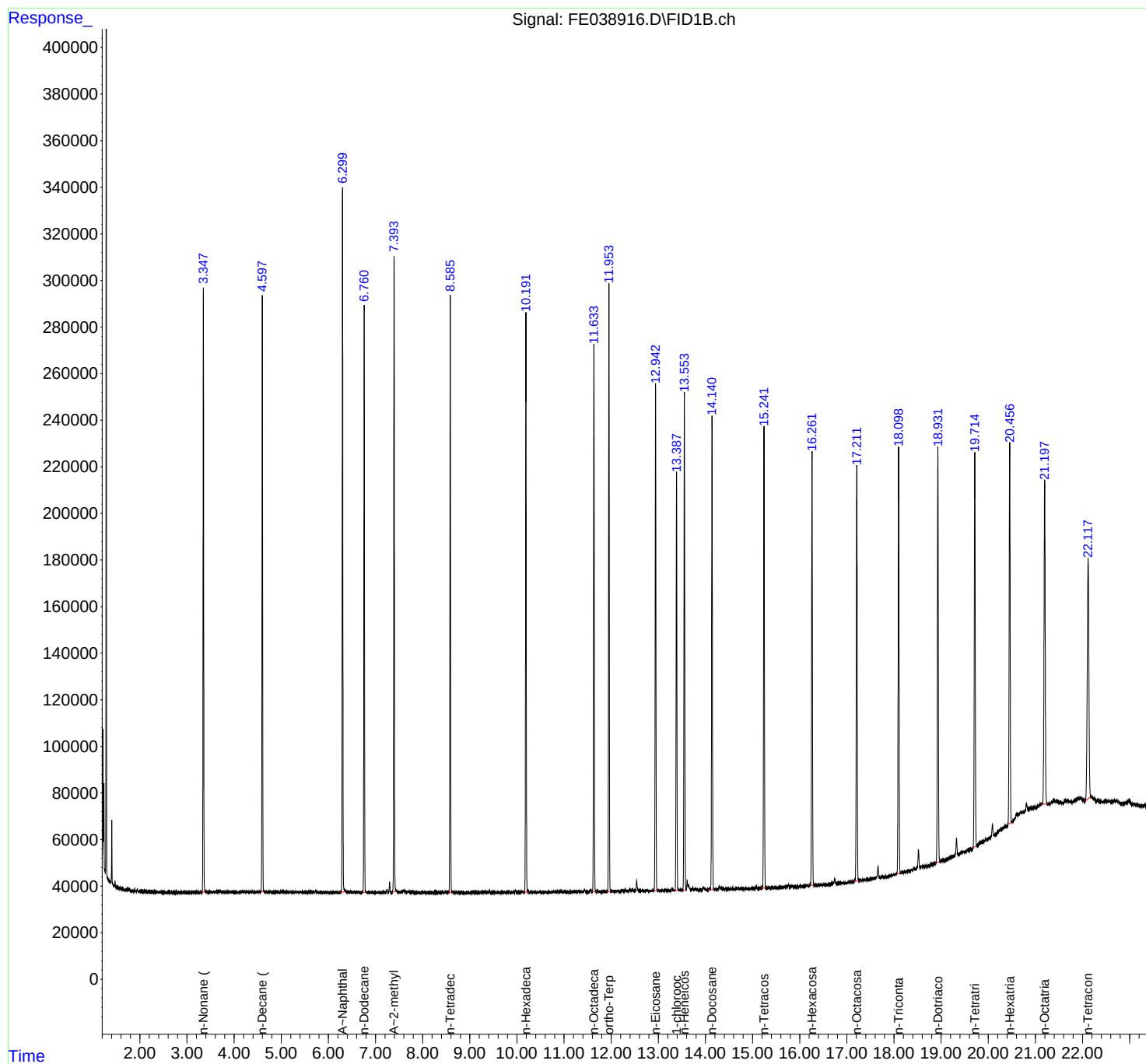
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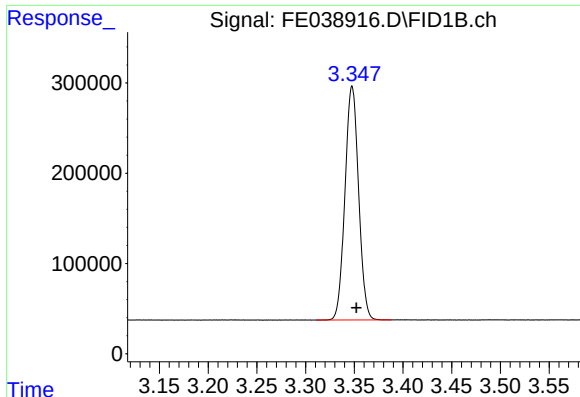
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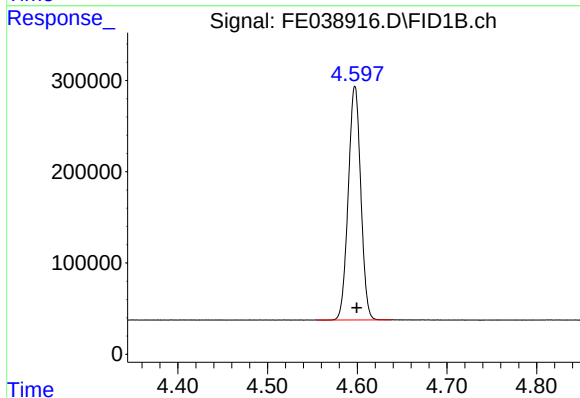
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2520125
Conc: 17.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

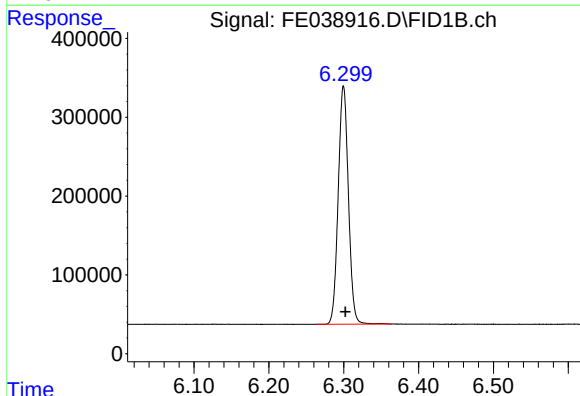
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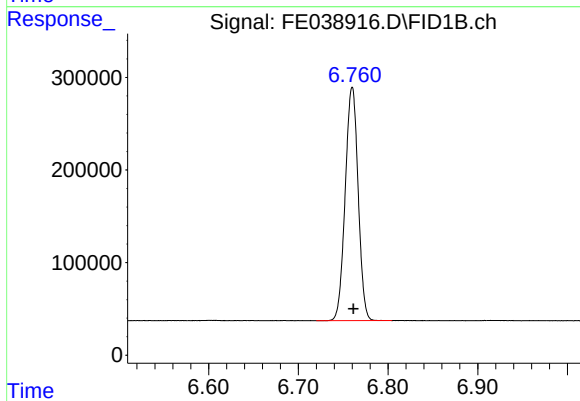
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2485100
Conc: 17.83 ug/ml



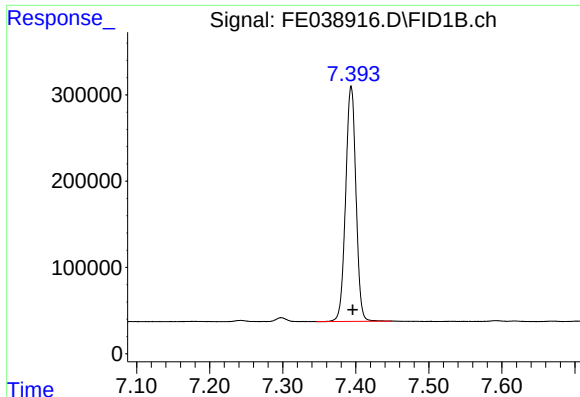
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.003 min
Response: 2860231
Conc: 17.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 2523286
Conc: 17.90 ug/ml



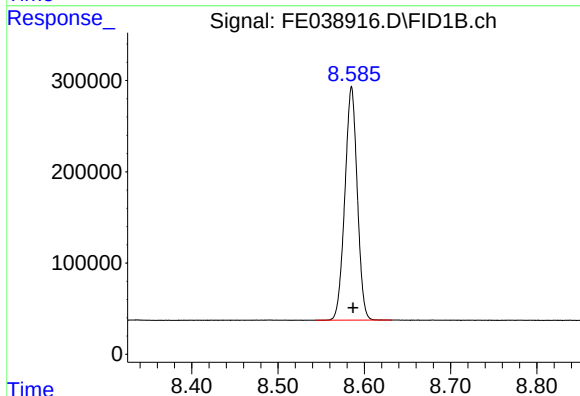
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 2673840
Conc: 17.87 ug/ml

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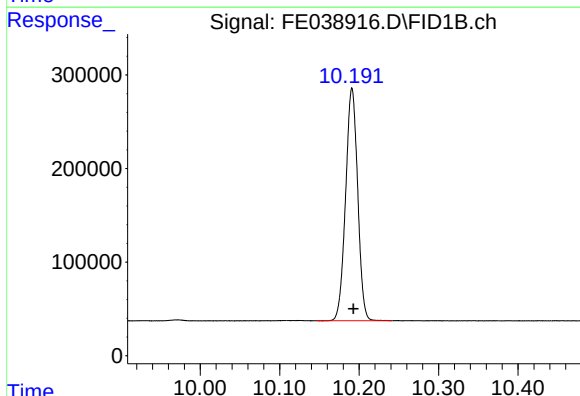
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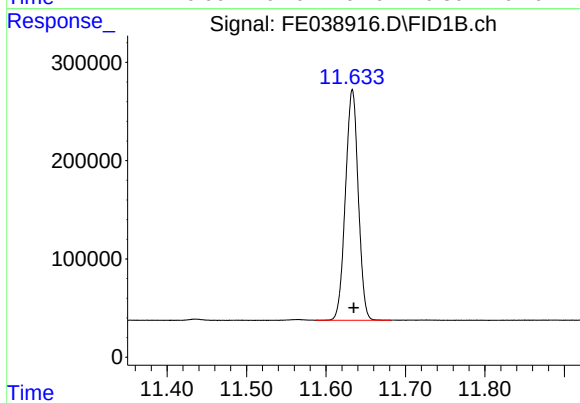
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2559711
Conc: 17.92 ug/ml



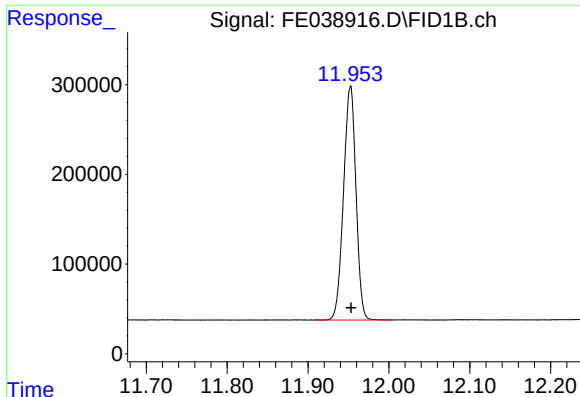
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.002 min
Response: 2623917
Conc: 17.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2633141
Conc: 17.89 ug/ml



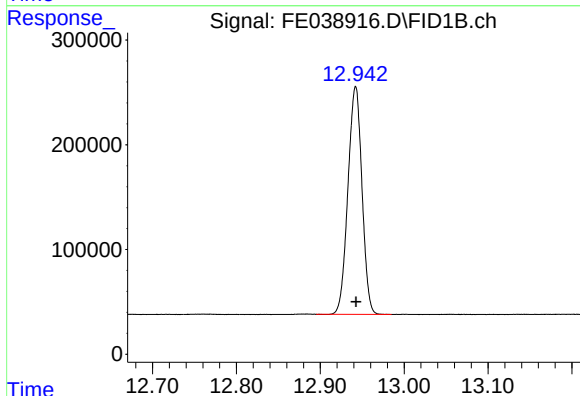
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 2790172
Conc: 17.84 ug/ml

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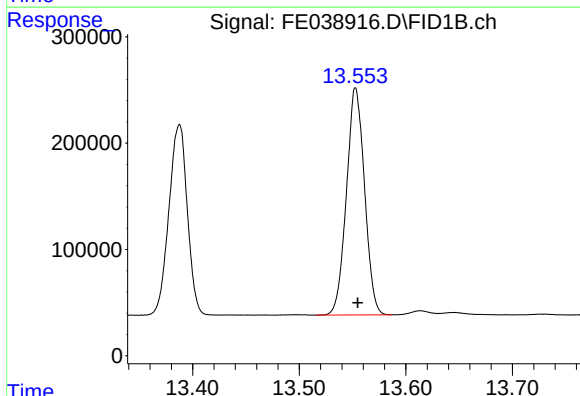
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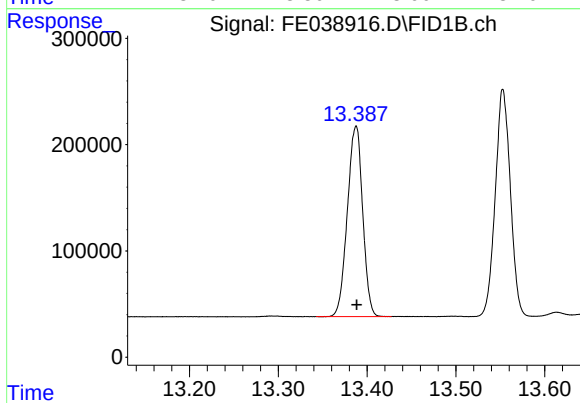
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 2529716
Conc: 17.82 ug/ml



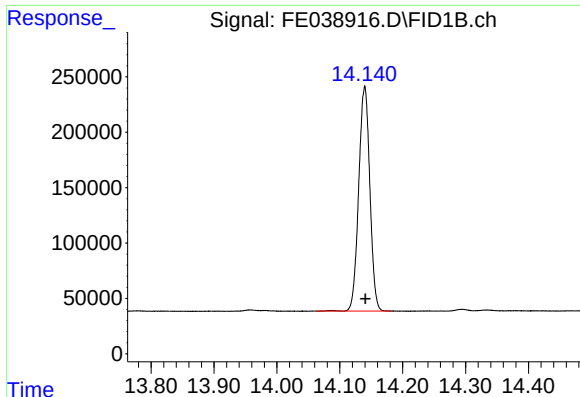
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2523519
Conc: 17.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2148356
Conc: 17.79 ug/ml



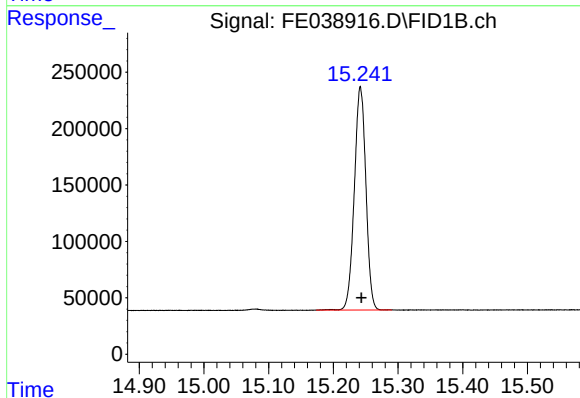
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.001 min
Response: 2494475
Conc: 17.84 ug/ml

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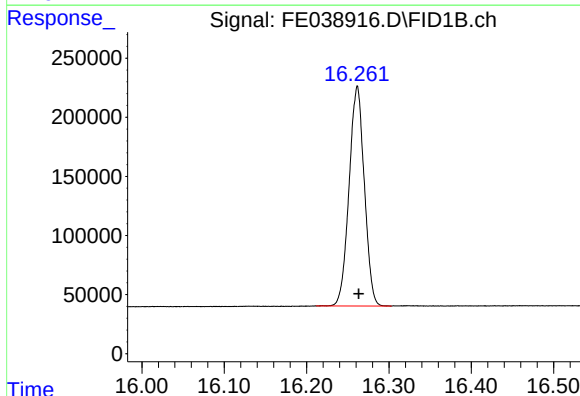
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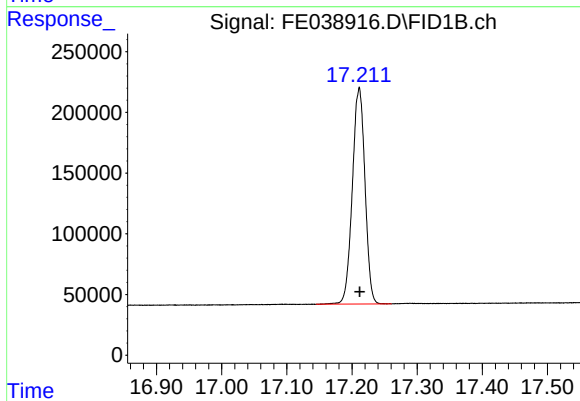
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.002 min
Response: 2457094
Conc: 17.79 ug/ml



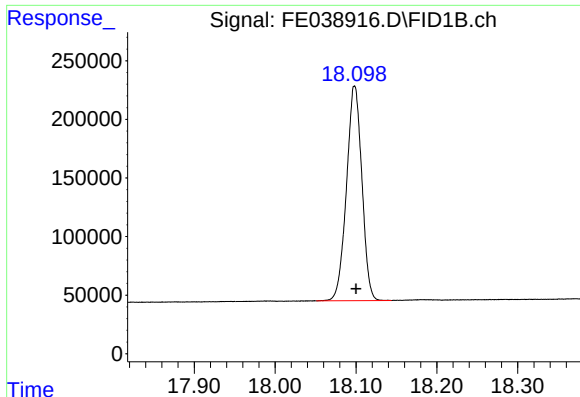
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.002 min
Response: 2392584
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 2400109
Conc: 18.07 ug/ml



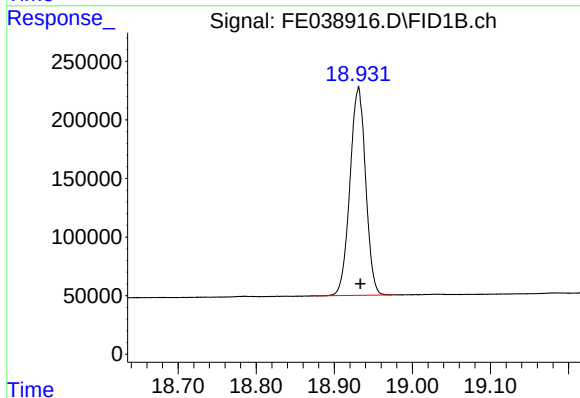
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 2423346
Conc: 18.35 ug/ml

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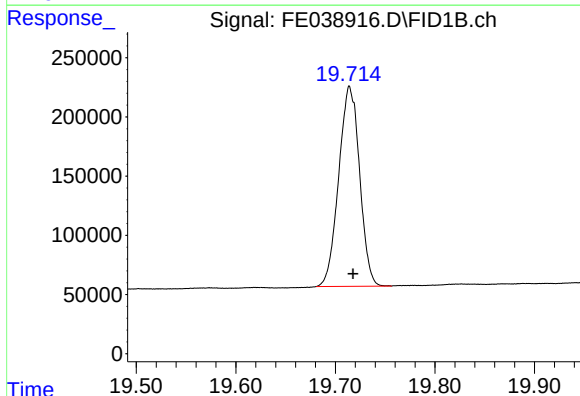
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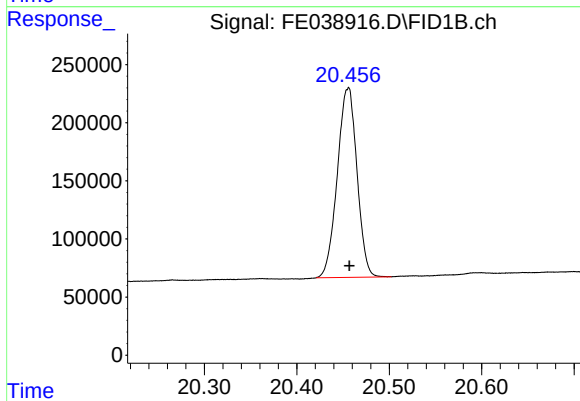
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 2475727
Conc: 18.56 ug/ml



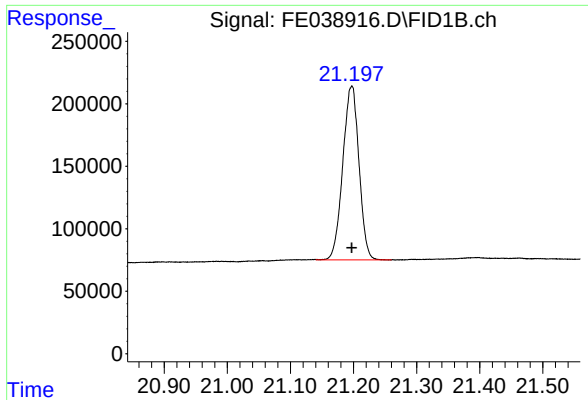
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 2462294
Conc: 18.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.001 min
Response: 2415617
Conc: 18.80 ug/ml



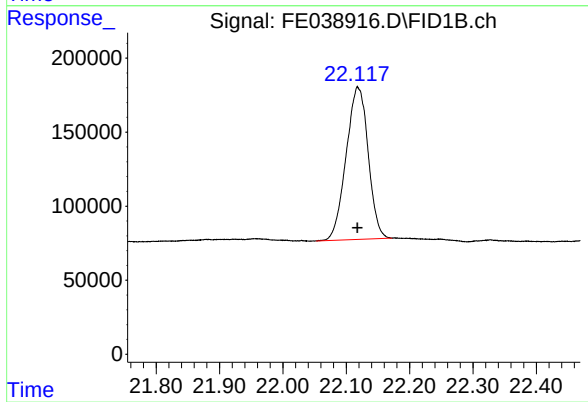
#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 2477818
Conc: 18.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.000 min
Response: 2484621
Conc: 18.25 ug/ml m