

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039478.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2022 09:31
 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 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 02:16:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.930	3146680	21.086 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.366	2331028	20.252 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	3.326	2667491	20.637 ug/ml
2) T n-Decane (C10)	4.574	2644533	20.754 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2964194	20.505 ug/ml
4) T n-Dodecane (C12)	6.737	2668593	20.555 ug/ml
5) T A~2-methylnaphthalene...	7.371	2774198	20.484 ug/ml
6) T n-Tetradecane (C14)	8.563	2711161	20.460 ug/ml
7) T n-Hexadecane (C16)	10.170	2817021	20.476 ug/ml
8) T n-Octadecane (C18)	11.612	2888864	20.626 ug/ml
10) T n-Eicosane (C20)	12.921	2823573	20.684 ug/ml
11) T n-Heneicosane (C21)	13.532	2808634	20.592 ug/ml
13) T n-Docosane (C22)	14.120	2818434	20.835 ug/ml
14) T n-Tetracosane (C24)	15.222	2823416	21.033 ug/ml
15) T n-Hexacosane (C26)	16.242	2751191	21.129 ug/ml
16) T n-Octacosane (C28)	17.192	2748900	21.359 ug/ml
17) T n-Tricontane (C30)	18.080	2804563	21.783 ug/mlm
18) T n-Dotriacontane (C32)	18.913	2814895	21.737 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2622851	20.789 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2392562	19.787 ug/ml
21) T n-Octatriacontane (C38)	21.174	2326558	18.839 ug/ml
22) T n-Tetracontane (C40)	22.084	2187876	17.422 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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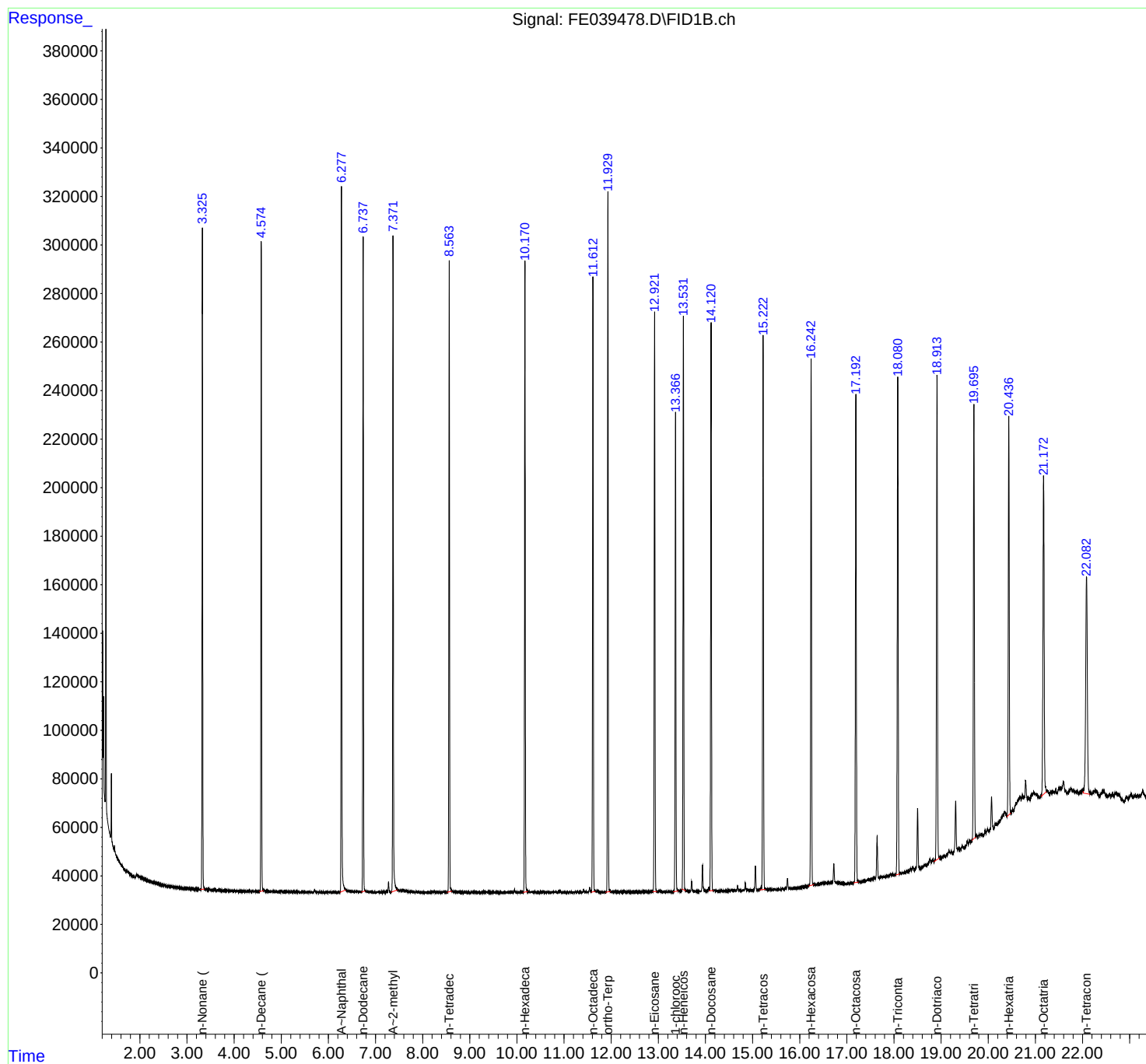
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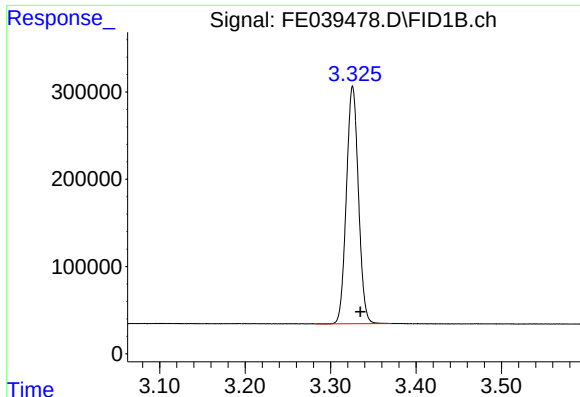
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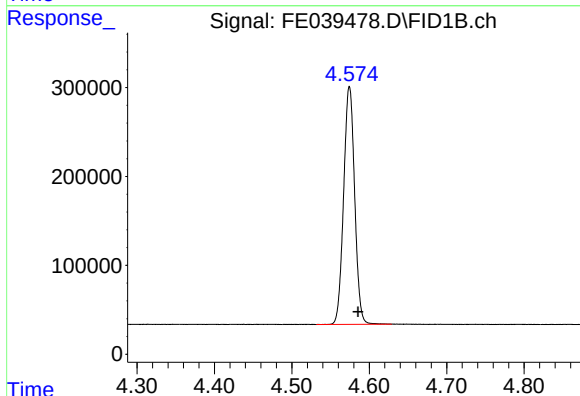
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2667491
Conc: 20.64 ug/ml

Instrument :
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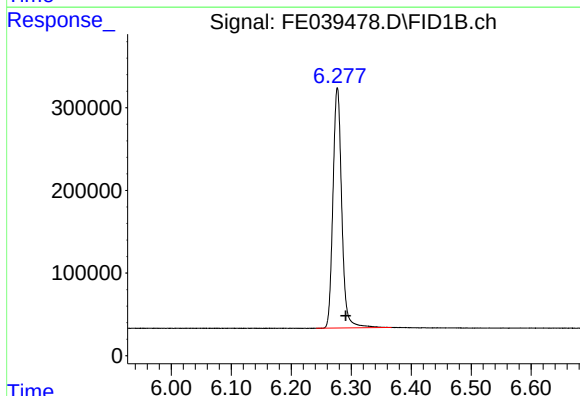
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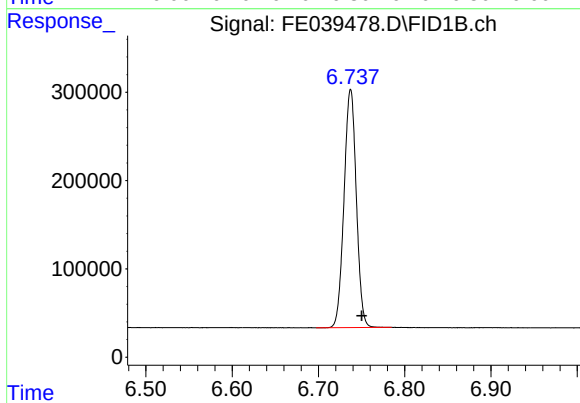
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.011 min
Response: 2644533
Conc: 20.75 ug/ml



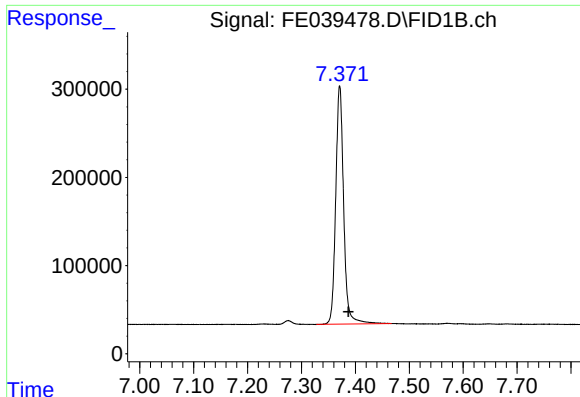
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.014 min
Response: 2964194
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.013 min
Response: 2668593
Conc: 20.56 ug/ml



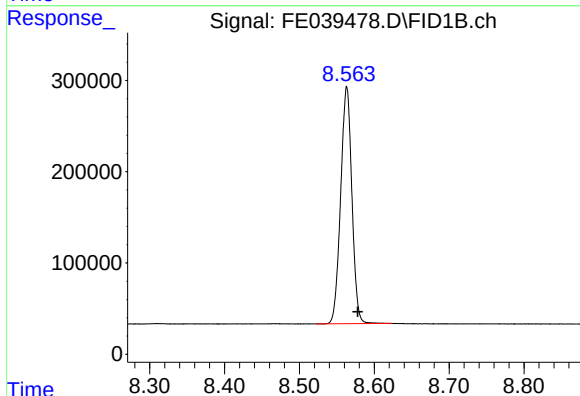
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.016 min
Response: 2774198
Conc: 20.48 ug/ml

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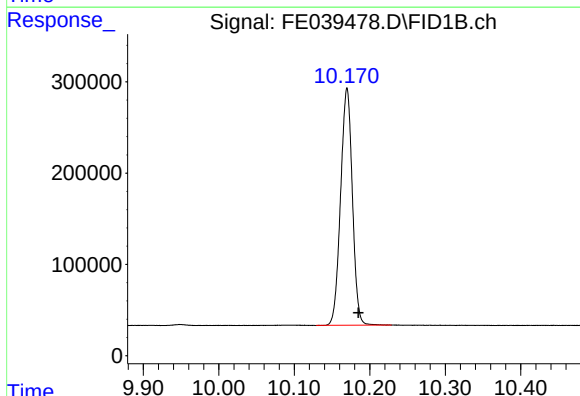
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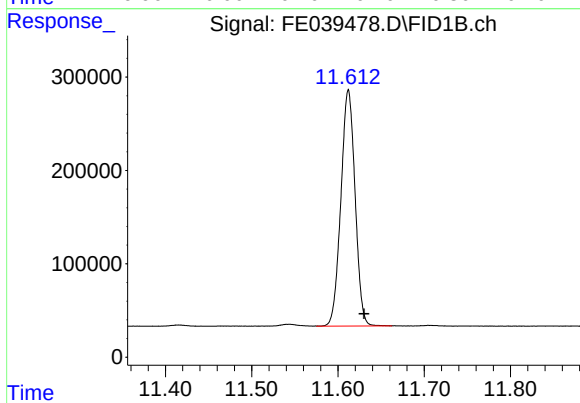
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.015 min
Response: 2711161
Conc: 20.46 ug/ml



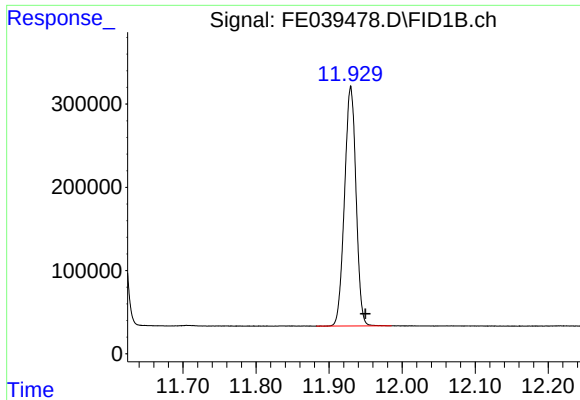
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.015 min
Response: 2817021
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.018 min
Response: 2888864
Conc: 20.63 ug/ml



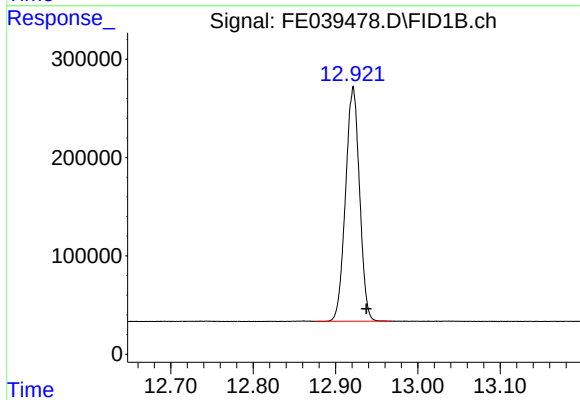
#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.020 min
Response: 3146680
Conc: 21.09 ug/ml

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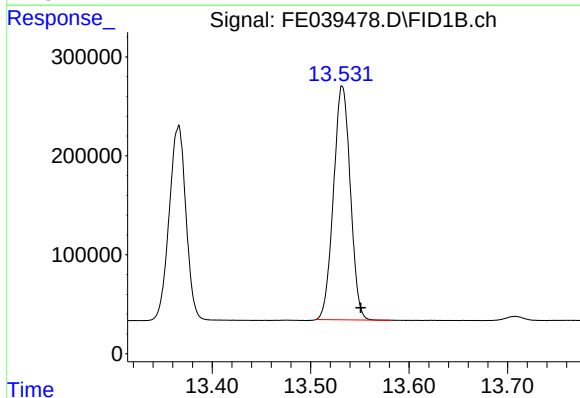
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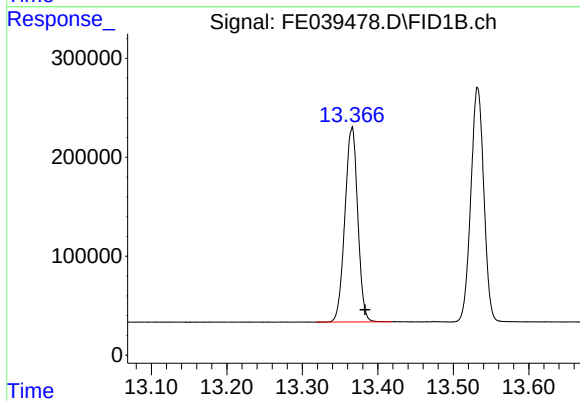
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.016 min
Response: 2823573
Conc: 20.68 ug/ml



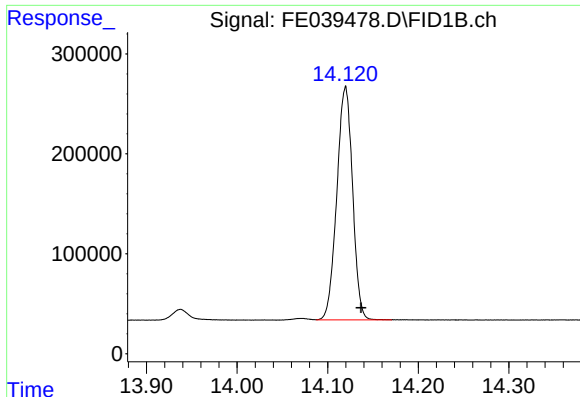
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.018 min
Response: 2808634
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.017 min
Response: 2331028
Conc: 20.25 ug/ml



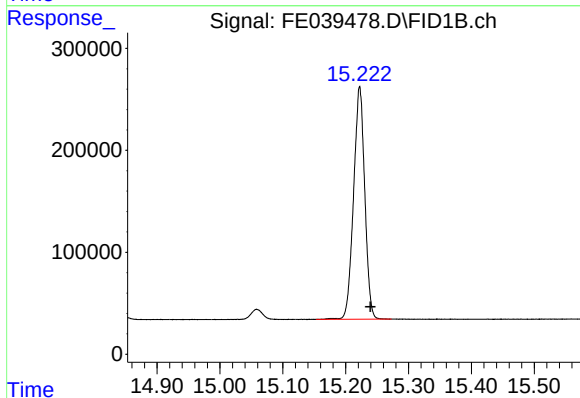
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.017 min
Response: 2818434
Conc: 20.83 ug/ml

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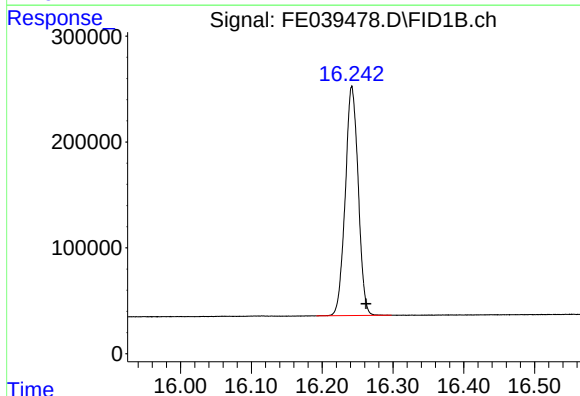
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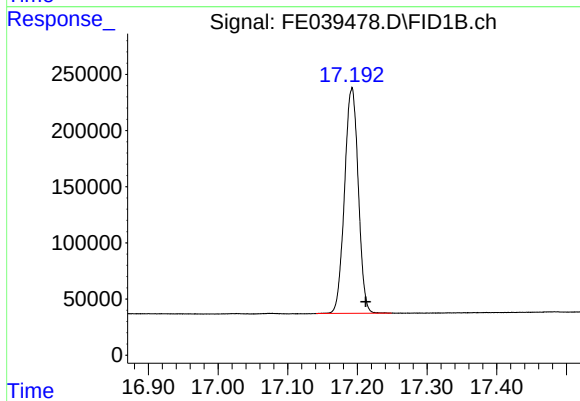
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.017 min
Response: 2823416
Conc: 21.03 ug/ml



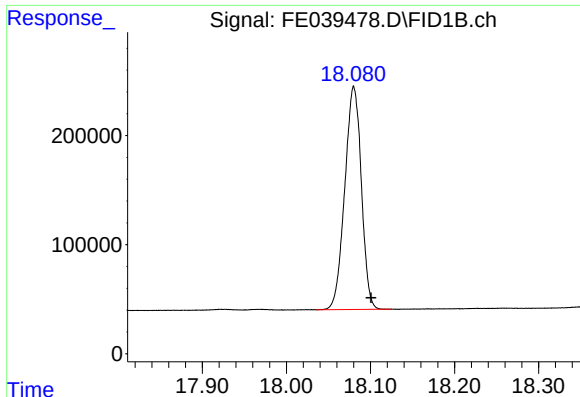
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.020 min
Response: 2751191
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.020 min
Response: 2748900
Conc: 21.36 ug/ml



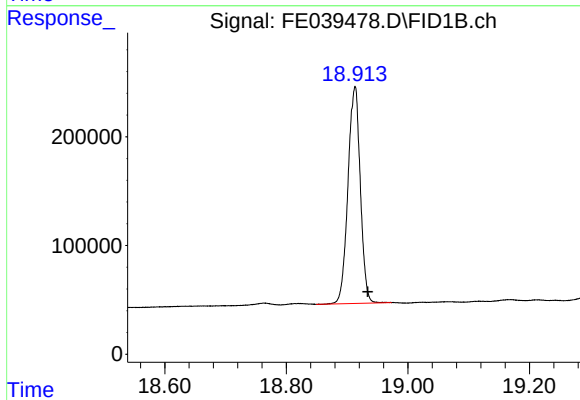
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.021 min
Response: 2804563
Conc: 21.78 ug/ml

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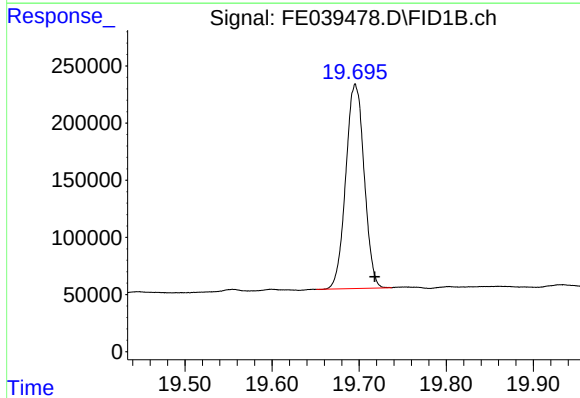
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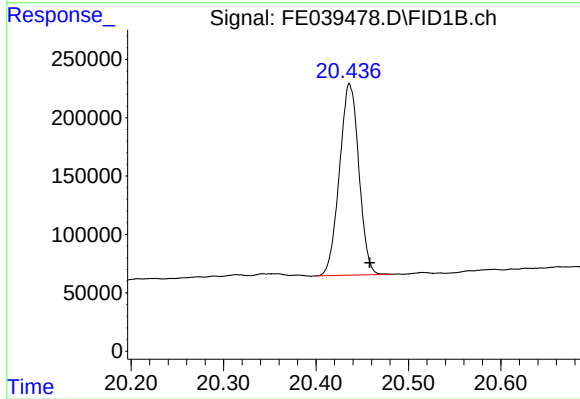
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.021 min
Response: 2814895
Conc: 21.74 ug/ml



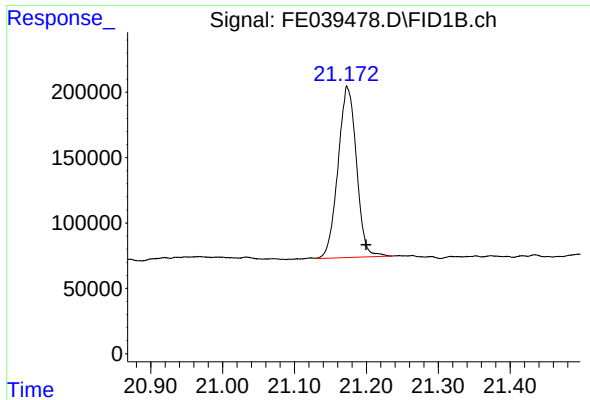
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.022 min
Response: 2622851
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.022 min
Response: 2392562
Conc: 19.79 ug/ml



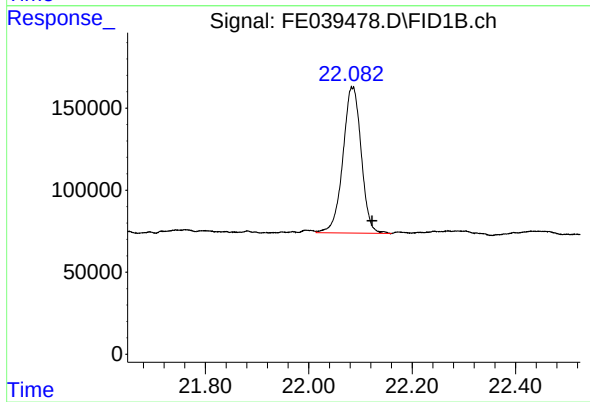
#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.026 min
Response: 2326558
Conc: 18.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.039 min
Response: 2187876
Conc: 17.42 ug/ml