

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622AL\
 Data File : FE038349.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2022 08:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: sample.E
 Quant Time: Oct 27 09:19:16 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)	11.981	3252601	18.903 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	13.413	2527326	18.461 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T n-Nonane (C9)	3.379	2996550	19.457 ug/ml
2) T n-Decane (C10)	4.625	3028364	19.510 ug/ml
3) T A~Naphthalene (C11.7)	6.328	3294680	19.455 ug/ml
4) T n-Dodecane (C12)	6.787	3057045	19.569 ug/ml
5) T A~2-methylnaphthalene...	7.422	3243697	19.355 ug/ml
6) T n-Tetradecane (C14)	8.612	3047808	19.489 ug/ml
7) T n-Hexadecane (C16)	10.219	3046026	19.280 ug/ml
8) T n-Octadecane (C18)	11.660	3056465	19.081 ug/ml
10) T n-Eicosane (C20)	12.968	3033203	18.825 ug/ml
11) T n-Heneicosane (C21)	13.579	3024831	18.726 ug/ml
13) T n-Docosane (C22)	14.166	3000491	18.586 ug/ml
14) T n-Tetracosane (C24)	15.267	2946736	18.371 ug/ml
15) T n-Hexacosane (C26)	16.286	2869842	18.068 ug/ml
16) T n-Octacosane (C28)	17.235	2772552	17.672 ug/ml
17) T n-Tricontane (C30)	18.121	2735077	17.142 ug/ml
18) T n-Dotriacontane (C32)	18.953	2959898	18.773 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2593917	17.595 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2699389	18.892 ug/ml
21) T n-Octatriacontane (C38)	21.219	2346194	17.371 ug/ml
22) T n-Tetracontane (C40)	22.151	2959195	23.443 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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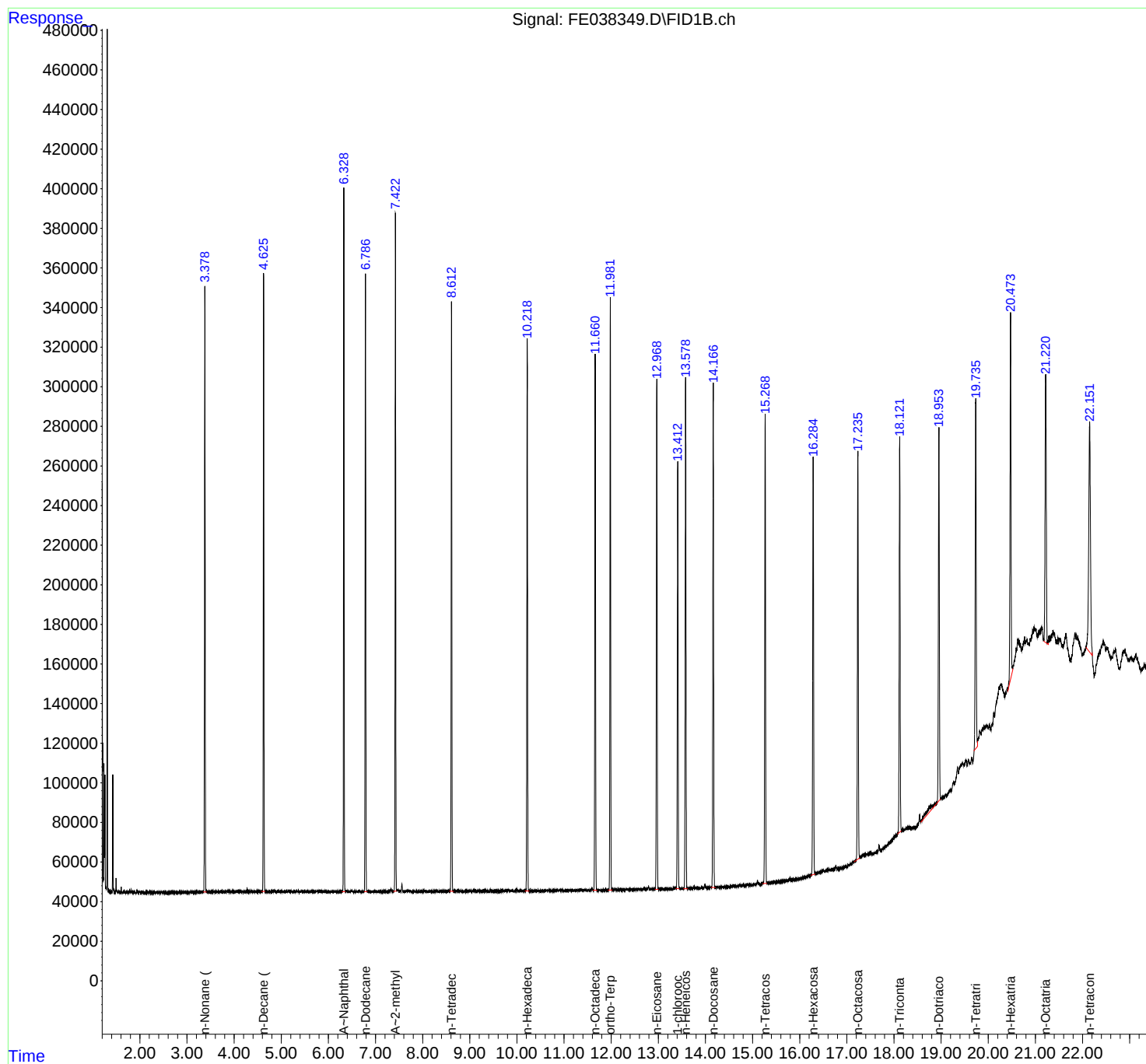
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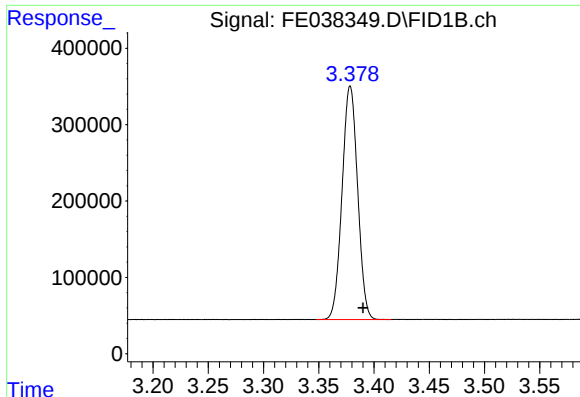
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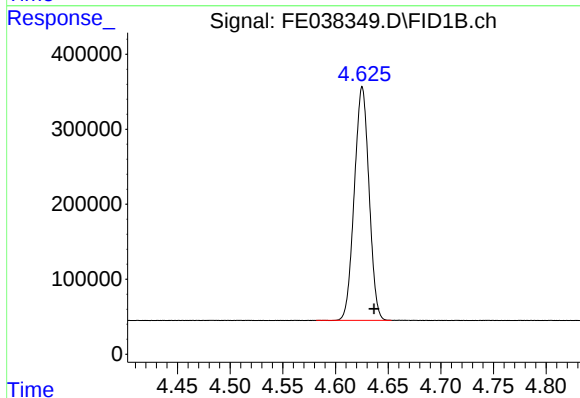
#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 2996550
Conc: 19.46 ug/ml

Instrument :
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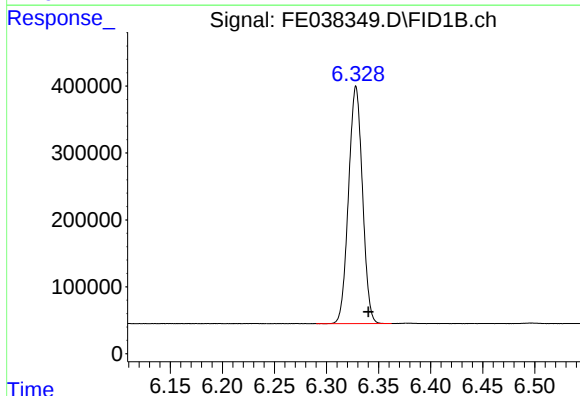
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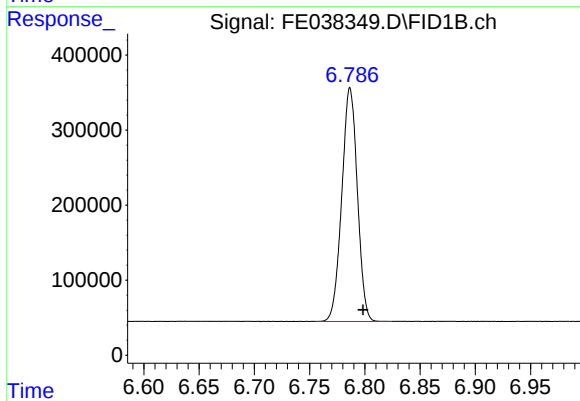
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: -0.011 min
Response: 3028364
Conc: 19.51 ug/ml



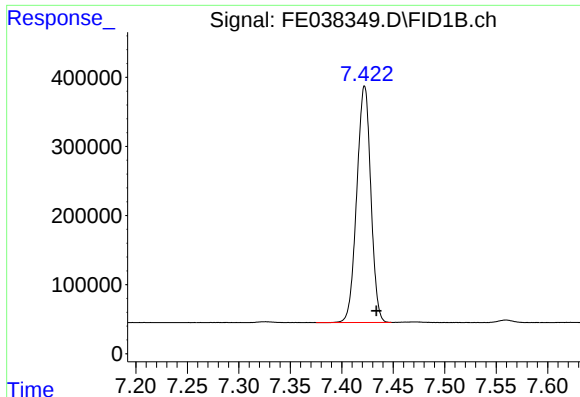
#3 A~Naphthalene (C11.7)

R.T.: 6.328 min
Delta R.T.: -0.012 min
Response: 3294680
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.787 min
Delta R.T.: -0.012 min
Response: 3057045
Conc: 19.57 ug/ml



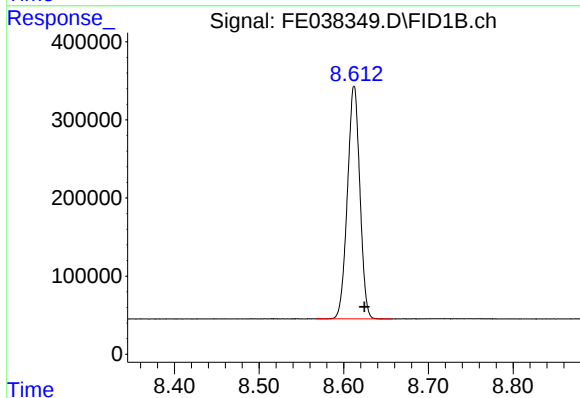
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: -0.011 min
Response: 3243697
Conc: 19.36 ug/ml

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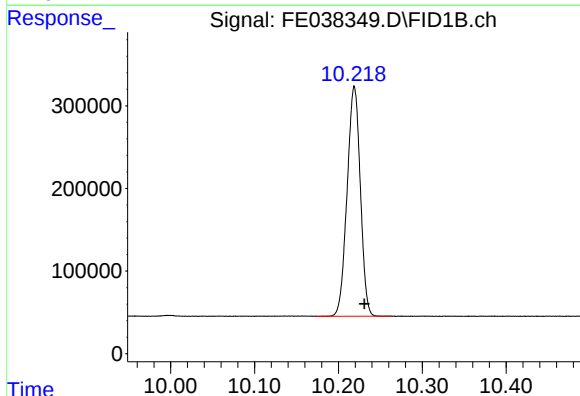
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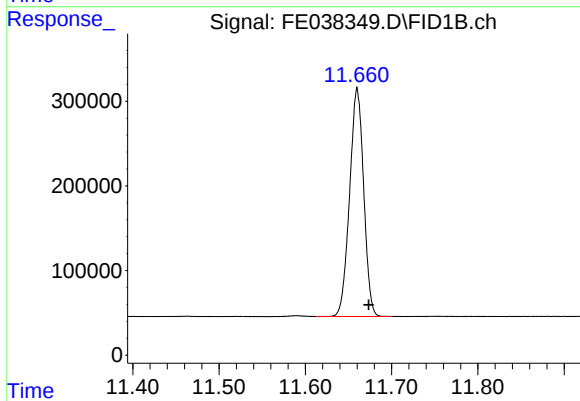
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: -0.012 min
Response: 3047808
Conc: 19.49 ug/ml



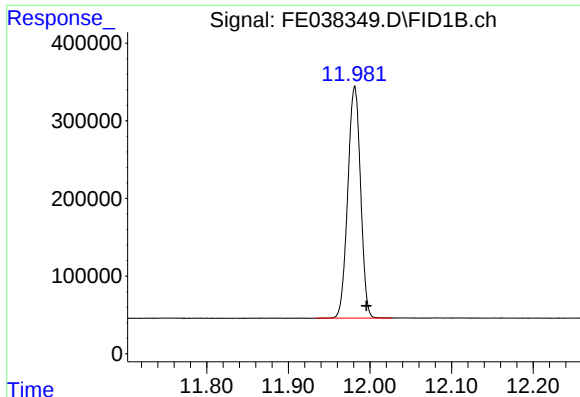
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: -0.012 min
Response: 3046026
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.013 min
Response: 3056465
Conc: 19.08 ug/ml



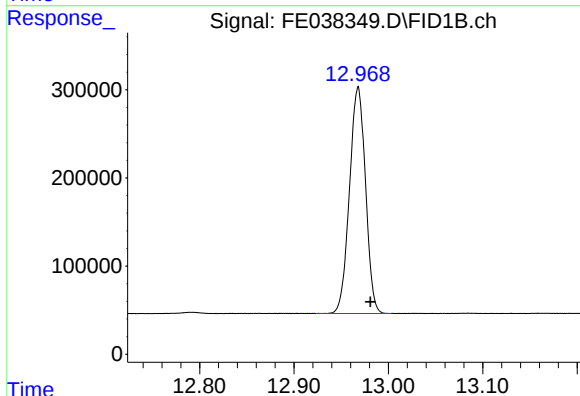
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.014 min
Response: 3252601
Conc: 18.90 ug/ml

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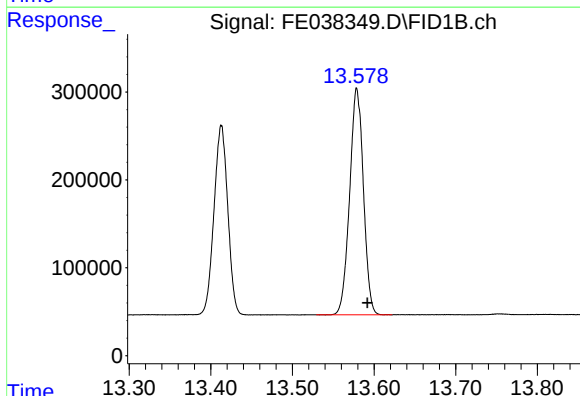
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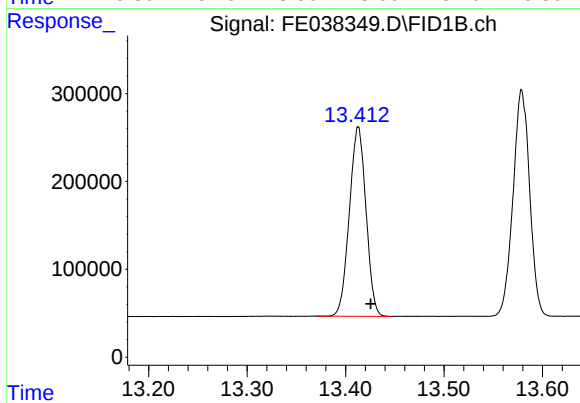
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.013 min
Response: 3033203
Conc: 18.82 ug/ml



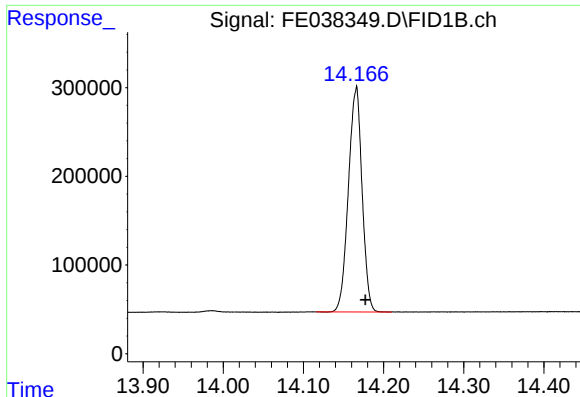
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.013 min
Response: 3024831
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: -0.013 min
Response: 2527326
Conc: 18.46 ug/ml



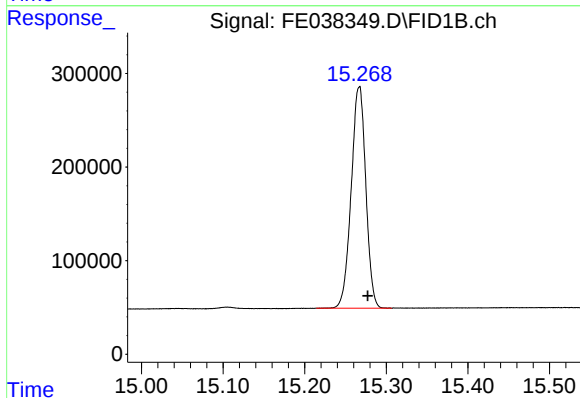
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.012 min
Response: 3000491
Conc: 18.59 ug/ml

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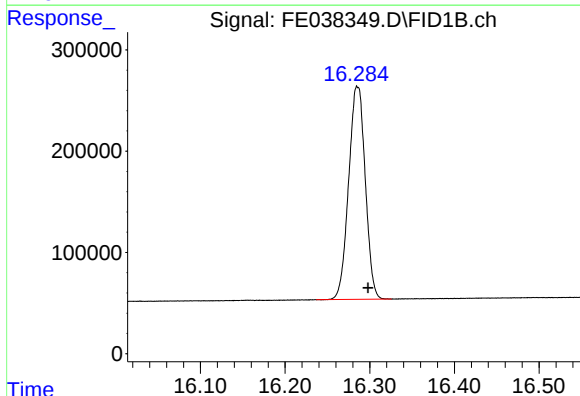
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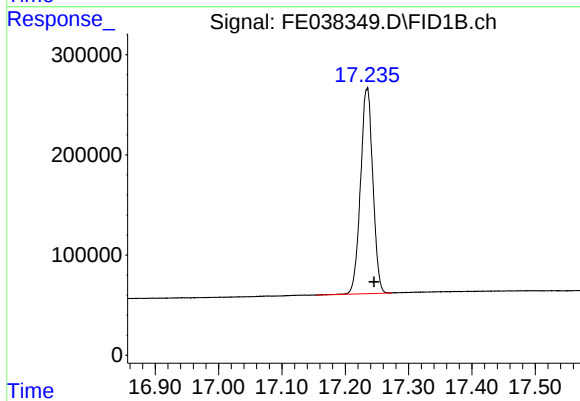
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: -0.011 min
Response: 2946736
Conc: 18.37 ug/ml



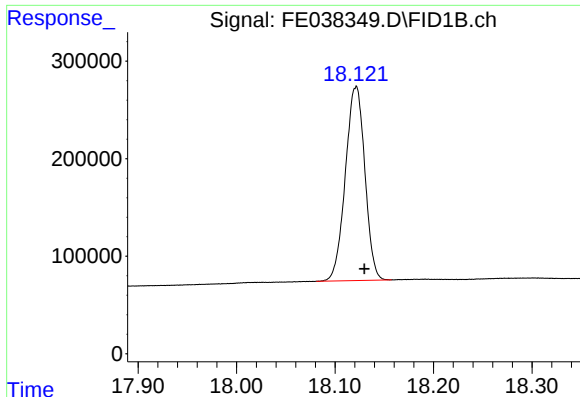
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.013 min
Response: 2869842
Conc: 18.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: -0.011 min
Response: 2772552
Conc: 17.67 ug/ml



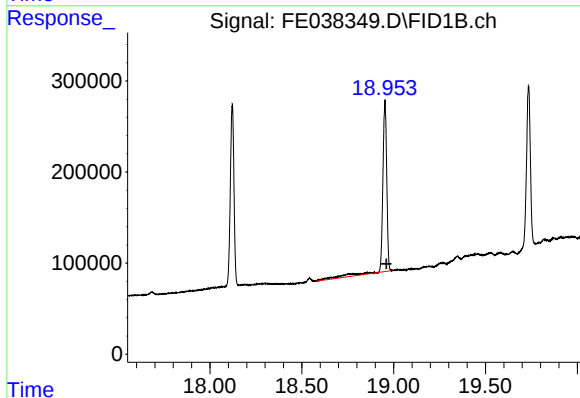
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: -0.008 min
Response: 2735077
Conc: 17.14 ug/ml

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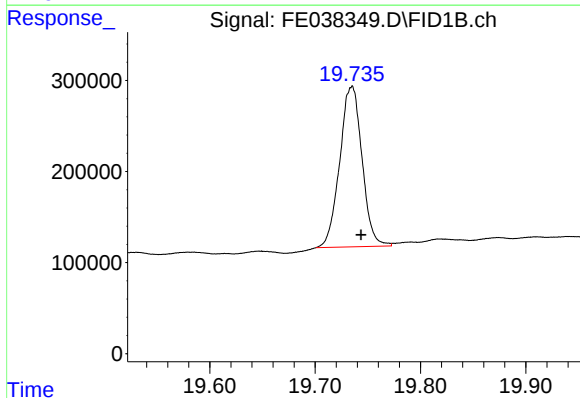
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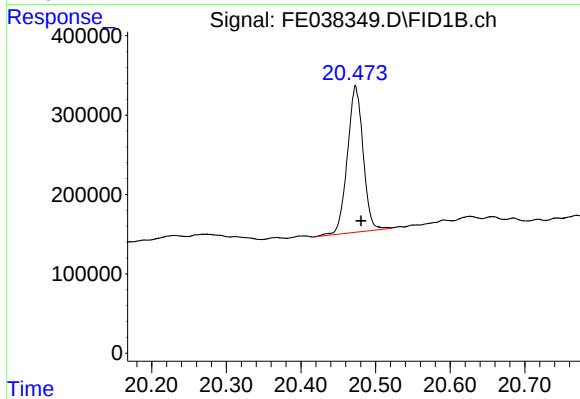
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: -0.008 min
Response: 2959898
Conc: 18.77 ug/ml



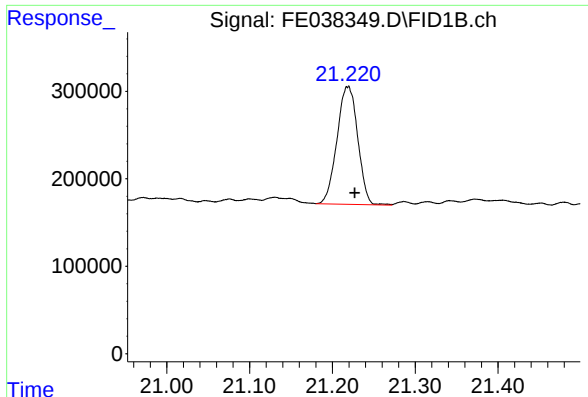
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.008 min
Response: 2593917
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: -0.008 min
Response: 2699389
Conc: 18.89 ug/ml



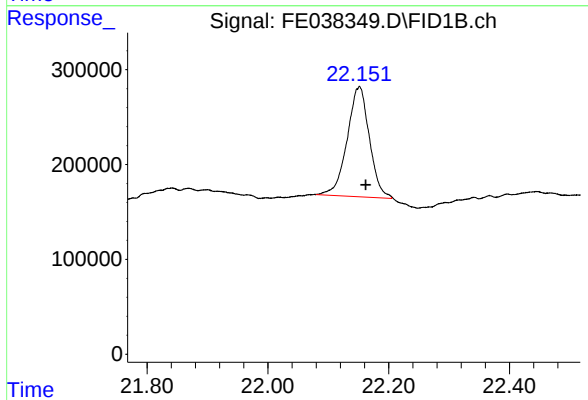
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.008 min
Response: 2346194
Conc: 17.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.011 min
Response: 2959195
Conc: 23.44 ug/ml m