

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039742.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2023 02:38
 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 01/11/2023
 Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e
 Quant Time: Jan 11 04:18:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.924	3236747	21.077 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	13.360	2513474	21.538 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
1) T n-Nonane (C9)	3.316	2675626	21.079 ug/ml
2) T n-Decane (C10)	4.566	2639428	21.254 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3038223	21.544 ug/ml
4) T n-Dodecane (C12)	6.730	2702416	21.494 ug/ml
5) T A~2-methylnaphthalene...	7.365	2867419	21.892 ug/ml
6) T n-Tetradecane (C14)	8.557	2783225	21.640 ug/ml
7) T n-Hexadecane (C16)	10.163	2918120	21.631 ug/ml
8) T n-Octadecane (C18)	11.606	2993434	21.363 ug/ml
10) T n-Eicosane (C20)	12.915	2938399	21.208 ug/ml
11) T n-Heneicosane (C21)	13.527	2948961	21.133 ug/ml
13) T n-Docosane (C22)	14.113	2926335	21.083 ug/ml
14) T n-Tetracosane (C24)	15.217	2916141	21.180 ug/ml
15) T n-Hexacosane (C26)	16.238	2803795	21.008 ug/ml
16) T n-Octacosane (C28)	17.186	2739073	21.041 ug/mlm
17) T n-Tricontane (C30)	18.075	2695220	21.135 ug/ml
18) T n-Dotriacontane (C32)	18.909	2674945	21.159 ug/mlm
19) T n-Tetratriacontane (C34)	19.693	2635287	21.327 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2572281	21.818 ug/mlm
21) T n-Octatriacontane (C38)	21.171	2697439	22.569 ug/mlm
22) T n-Tetracontane (C40)	22.077	2626098	21.638 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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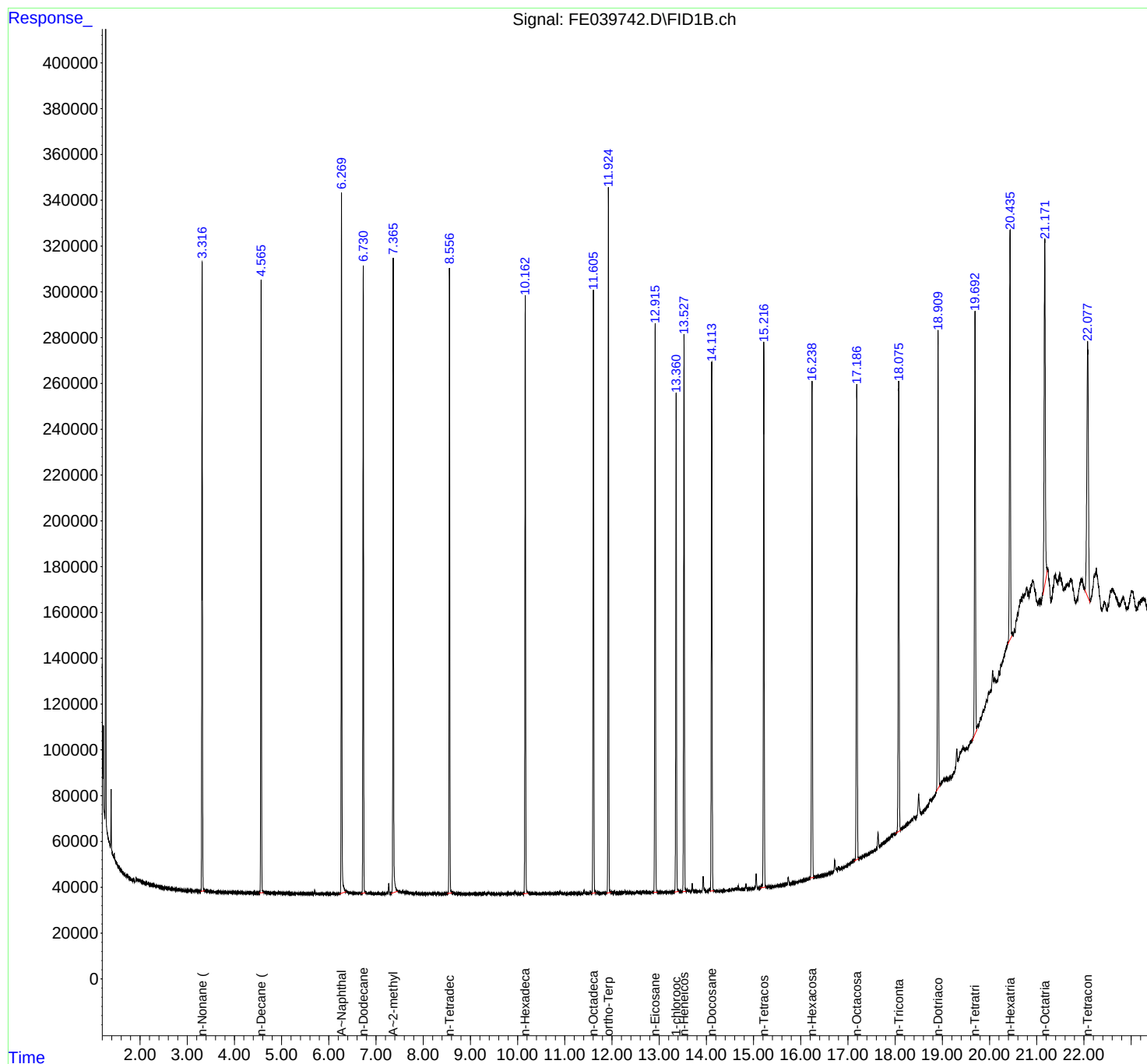
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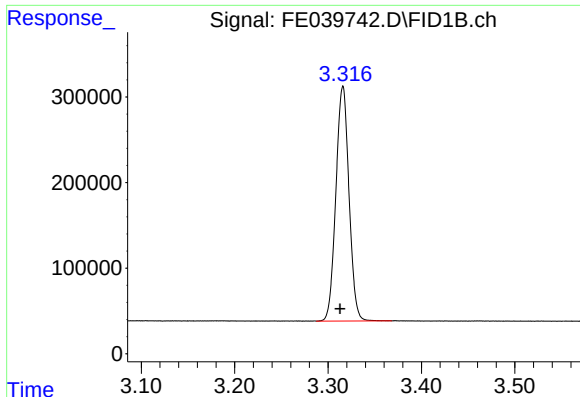
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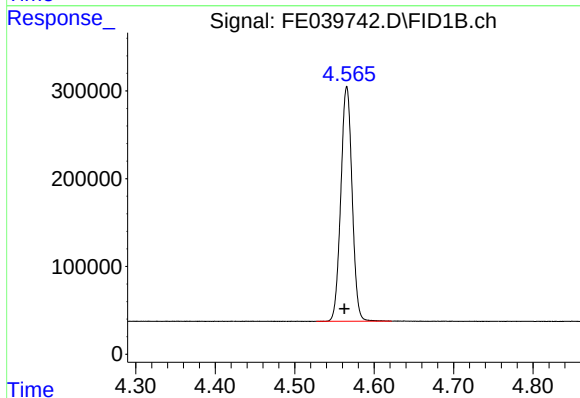
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 2675626
Conc: 21.08 ug/ml

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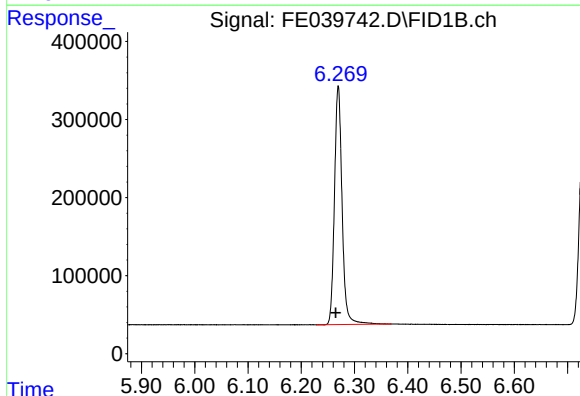
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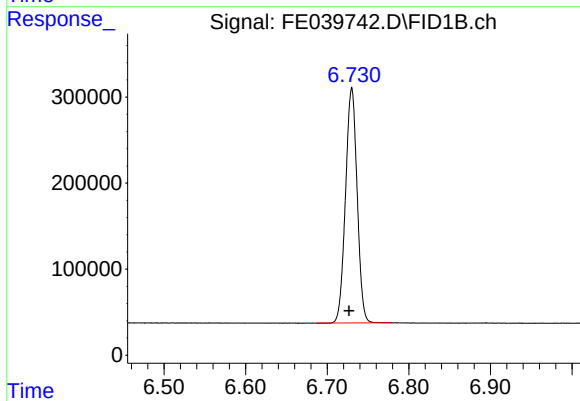
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.003 min
Response: 2639428
Conc: 21.25 ug/ml



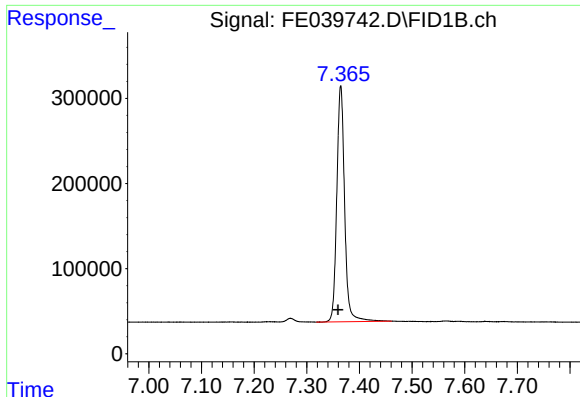
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.005 min
Response: 3038223
Conc: 21.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: 0.003 min
Response: 2702416
Conc: 21.49 ug/ml



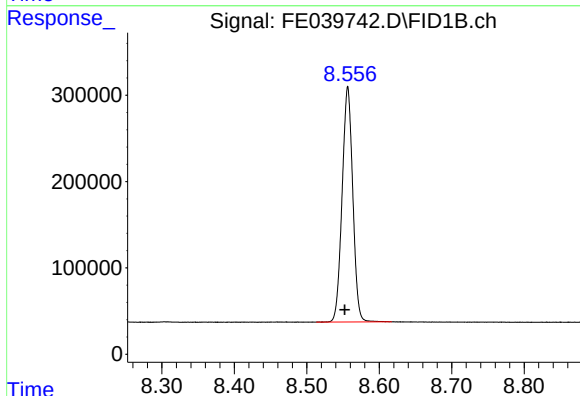
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.005 min
Response: 2867419
Conc: 21.89 ug/ml

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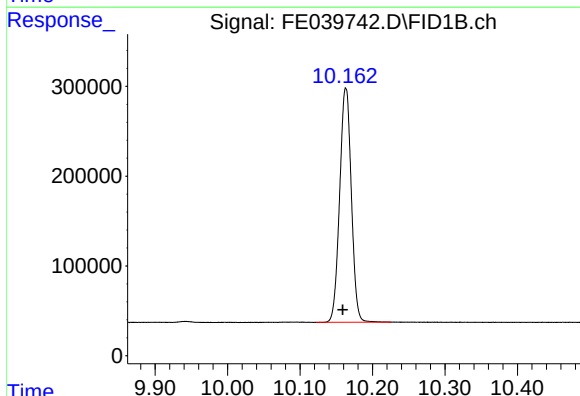
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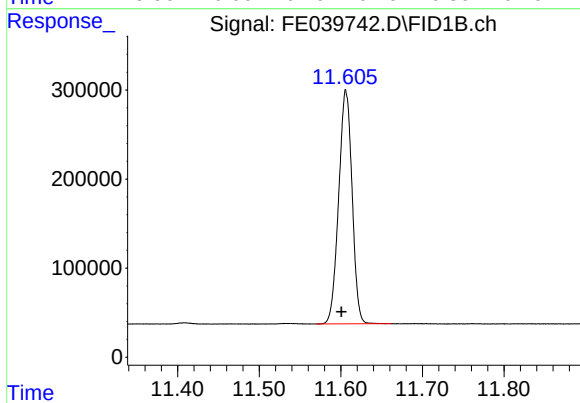
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.004 min
Response: 2783225
Conc: 21.64 ug/ml



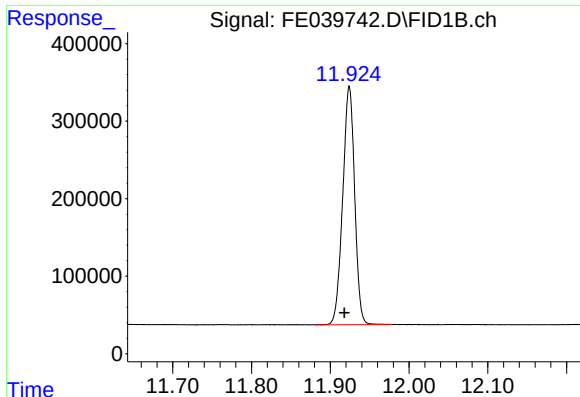
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.004 min
Response: 2918120
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: 0.005 min
Response: 2993434
Conc: 21.36 ug/ml



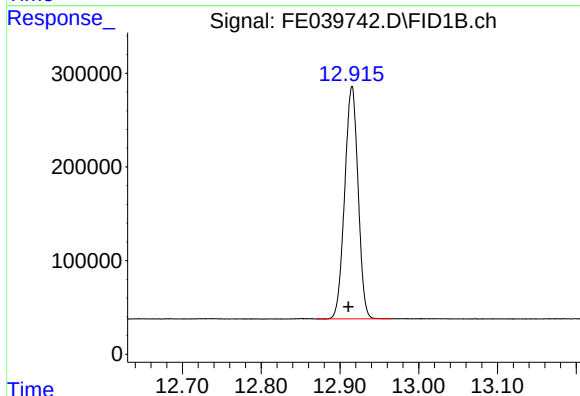
#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.006 min
Response: 3236747
Conc: 21.08 ug/ml

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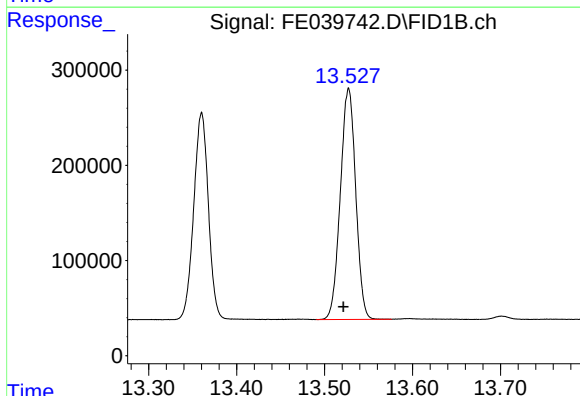
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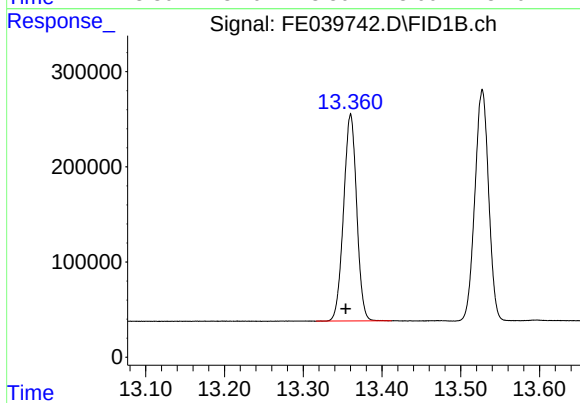
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.005 min
Response: 2938399
Conc: 21.21 ug/ml



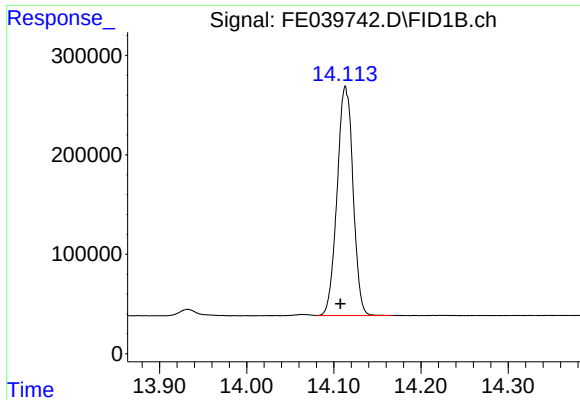
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.006 min
Response: 2948961
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.006 min
Response: 2513474
Conc: 21.54 ug/ml



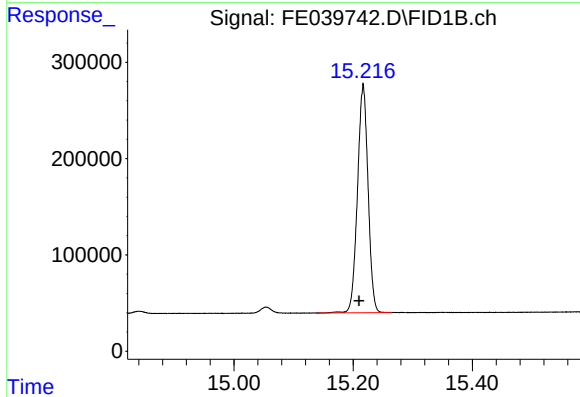
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: 0.006 min
Response: 2926335
Conc: 21.08 ug/ml

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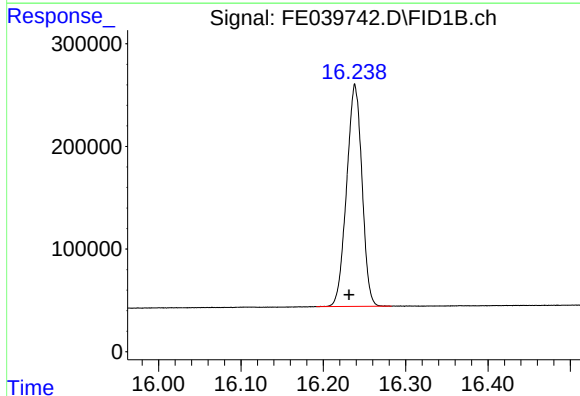
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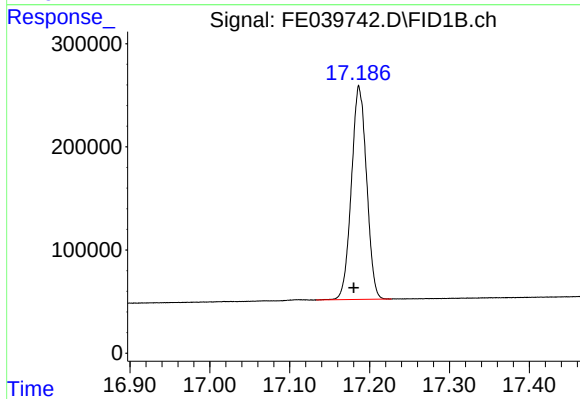
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.007 min
Response: 2916141
Conc: 21.18 ug/ml



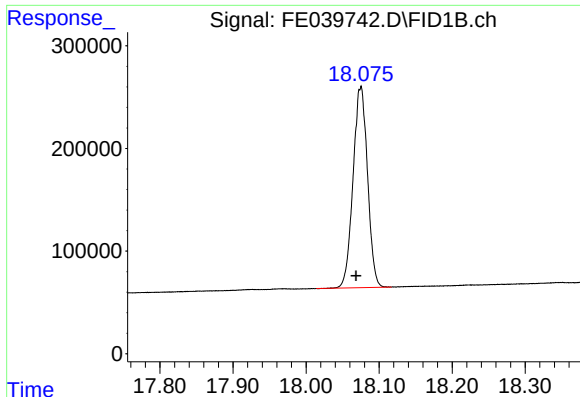
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.007 min
Response: 2803795
Conc: 21.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.006 min
Response: 2739073
Conc: 21.04 ug/ml m



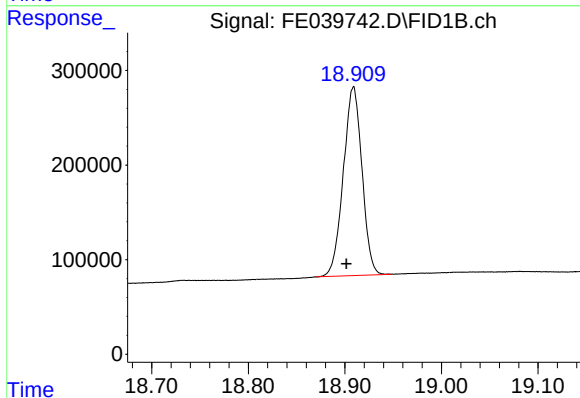
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: 0.006 min
Response: 2695220
Conc: 21.13 ug/ml

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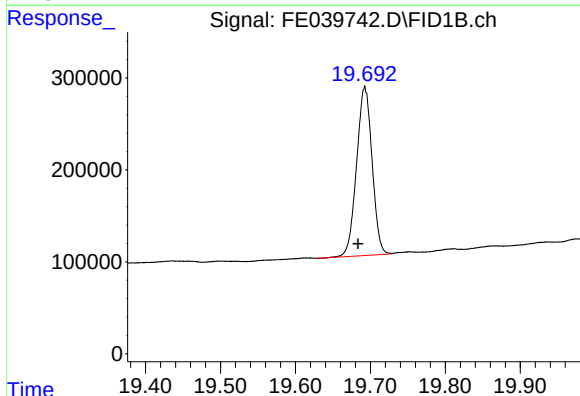
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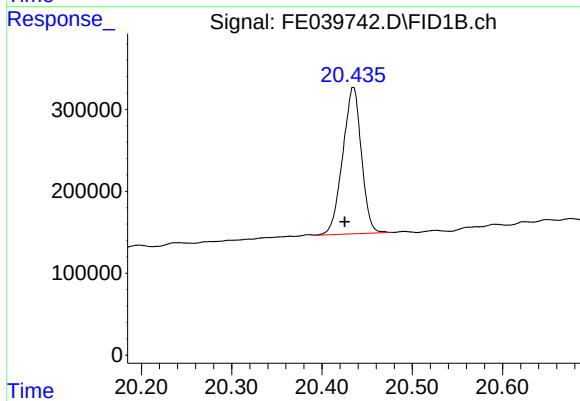
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.007 min
Response: 2674945
Conc: 21.16 ug/ml m



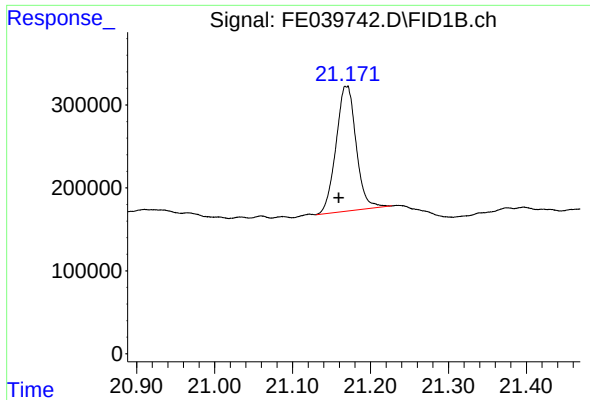
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.009 min
Response: 2635287
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.010 min
Response: 2572281
Conc: 21.82 ug/ml m



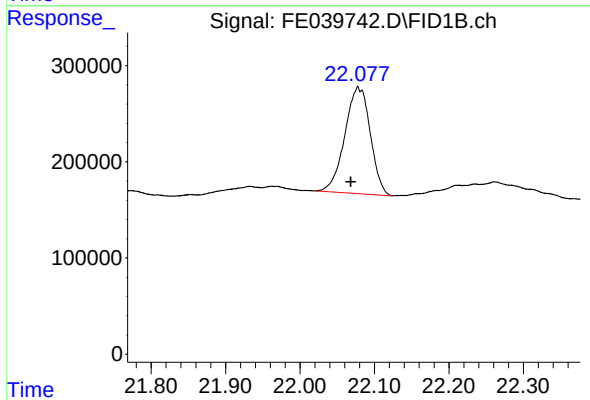
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.012 min
Response: 2697439
Conc: 22.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.009 min
Response: 2626098
Conc: 21.64 ug/ml m