

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038842.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 22:25
 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 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File: sample.E
 Quant Time: Nov 20 10:19:47 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)	11.957	3299616	19.176 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.391	2581578	18.857 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.353	3174692	20.613 ug/ml
2) T n-Decane (C10)	4.601	3196367	20.592 ug/ml
3) T A~Naphthalene (C11.7)	6.304	3431555	20.263 ug/ml
4) T n-Dodecane (C12)	6.763	3210015	20.549 ug/ml
5) T A~2-methylnaphthalene...	7.398	3347035	19.972 ug/ml
6) T n-Tetradecane (C14)	8.589	3180399	20.337 ug/ml
7) T n-Hexadecane (C16)	10.196	3171471	20.074 ug/ml
8) T n-Octadecane (C18)	11.638	3160565	19.731 ug/ml
10) T n-Eicosane (C20)	12.947	3095929	19.214 ug/ml
11) T n-Heneicosane (C21)	13.558	3065413	18.977 ug/ml
13) T n-Docosane (C22)	14.144	3042824	18.848 ug/ml
14) T n-Tetracosane (C24)	15.246	2959493	18.451 ug/ml
15) T n-Hexacosane (C26)	16.268	2888582	18.186 ug/ml
16) T n-Octacosane (C28)	17.217	2827935	18.025 ug/ml
17) T n-Tricontane (C30)	18.104	2872209	18.001 ug/ml
18) T n-Dotriacontane (C32)	18.937	2904670	18.422 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2837271	19.246 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2922884	20.456 ug/ml
21) T n-Octatriacontane (C38)	21.203	2967584	21.972 ug/ml
22) T n-Tetracontane (C40)	22.126	2963839	23.480 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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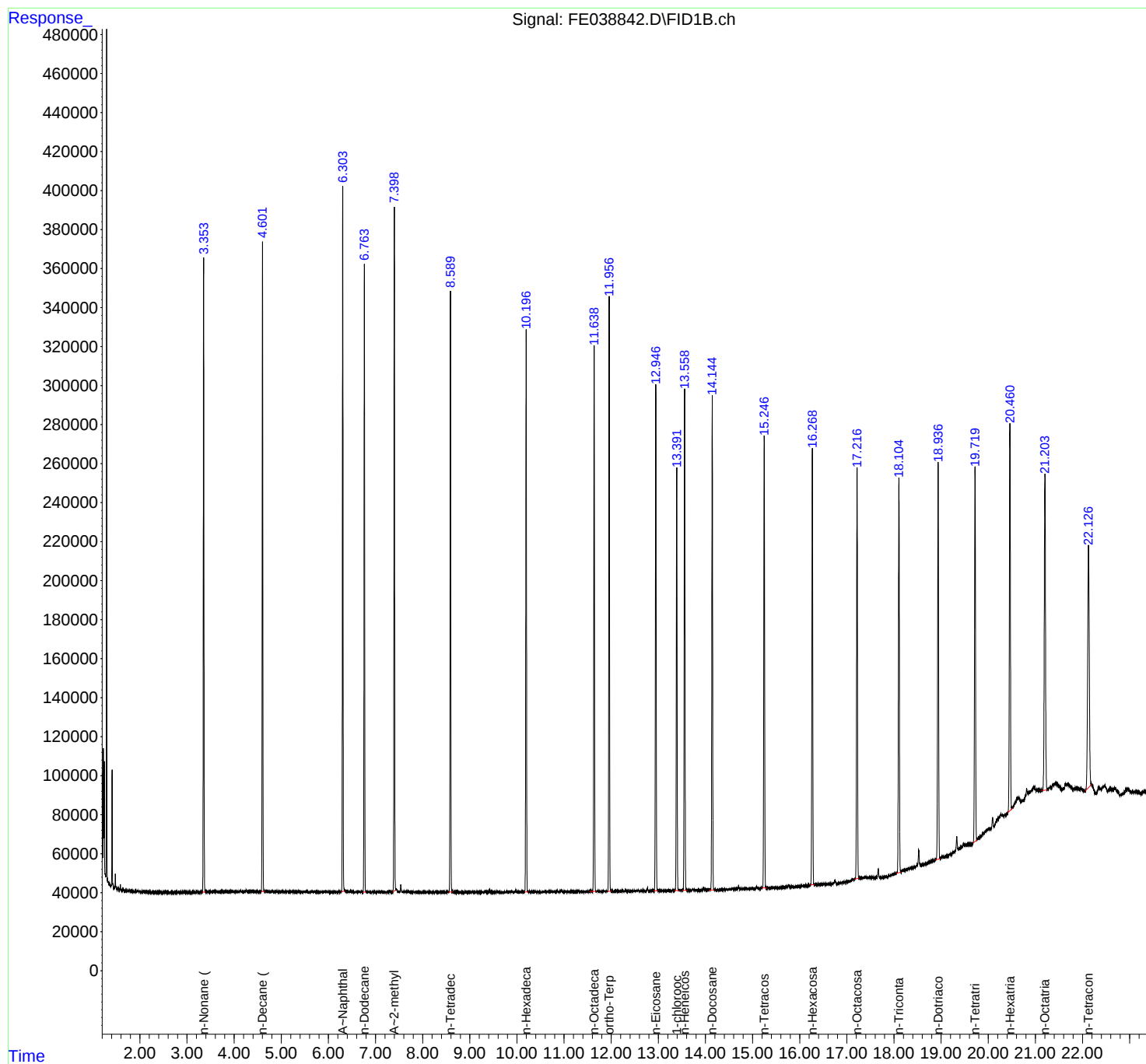
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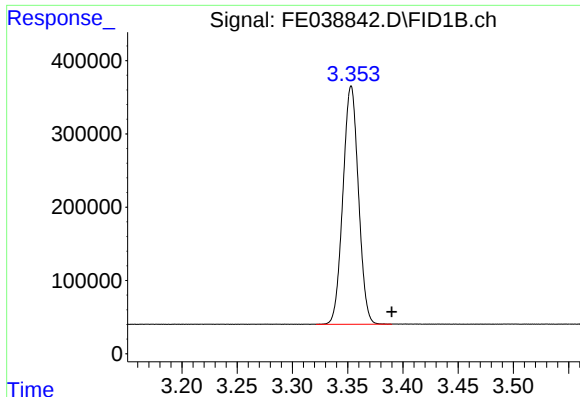
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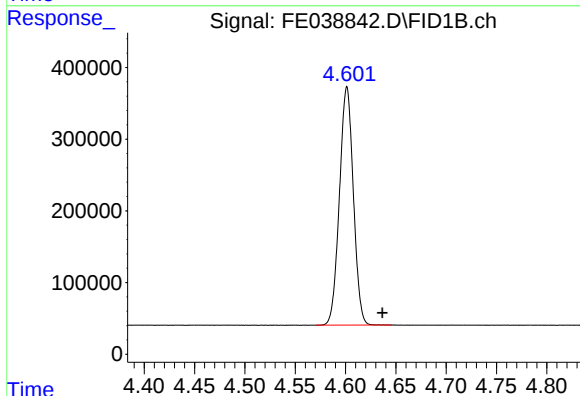
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.037 min
Response: 3174692
Conc: 20.61 ug/ml

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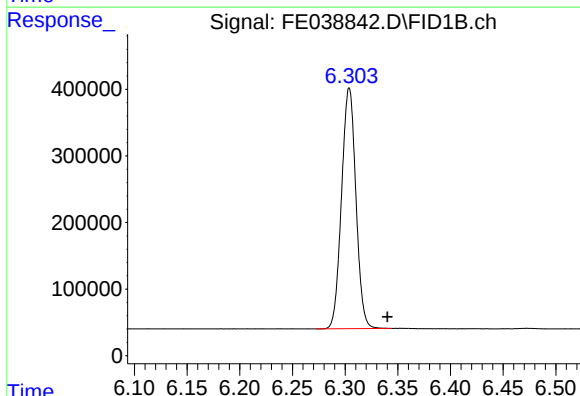
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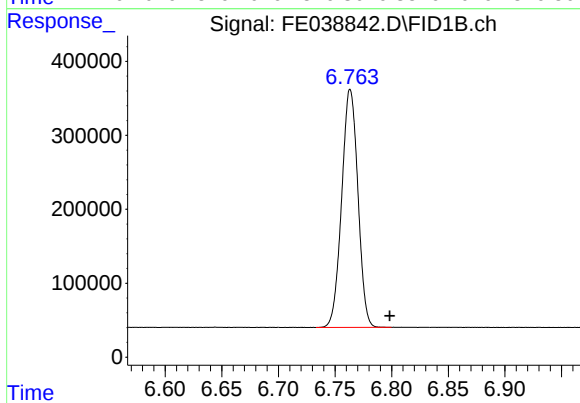
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.035 min
Response: 3196367
Conc: 20.59 ug/ml



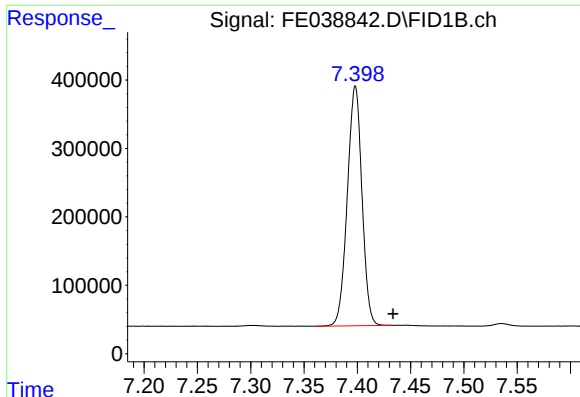
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.036 min
Response: 3431555
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: -0.035 min
Response: 3210015
Conc: 20.55 ug/ml



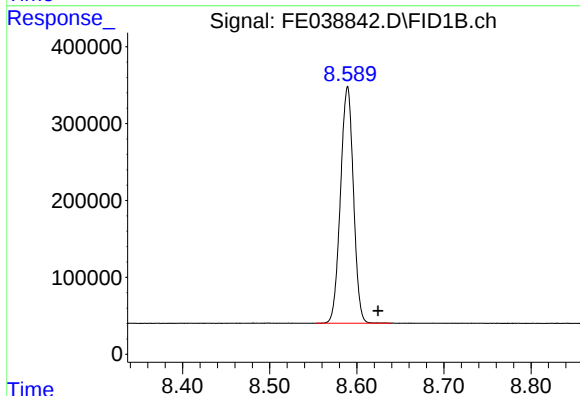
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.035 min
Response: 3347035
Conc: 19.97 ug/ml

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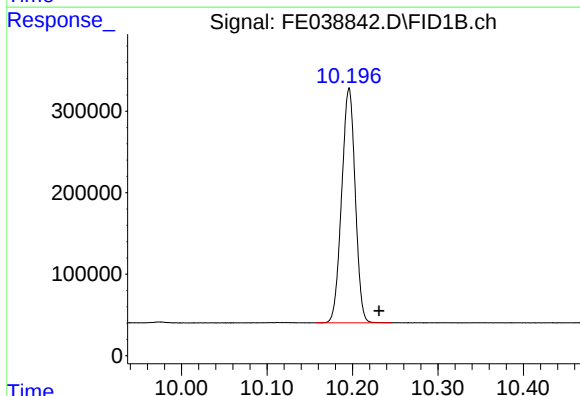
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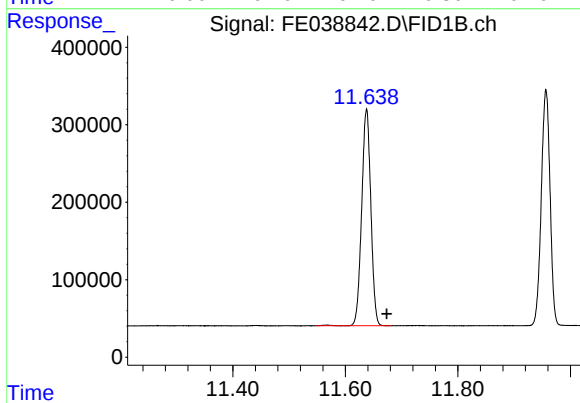
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.035 min
Response: 3180399
Conc: 20.34 ug/ml



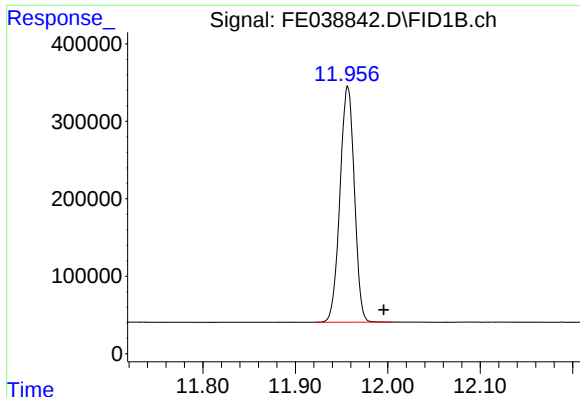
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.035 min
Response: 3171471
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.638 min
Delta R.T.: -0.036 min
Response: 3160565
Conc: 19.73 ug/ml



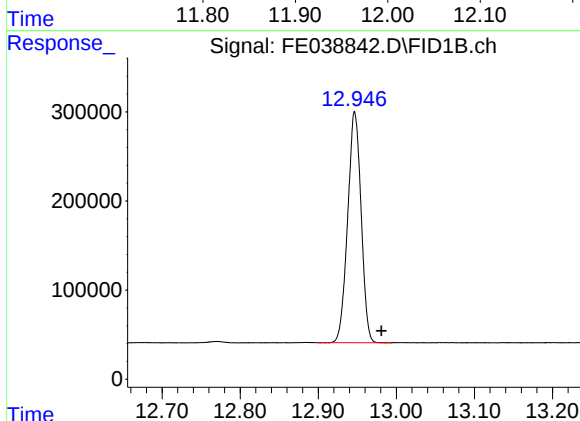
#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.039 min
Response: 3299616
Conc: 19.18 ug/ml

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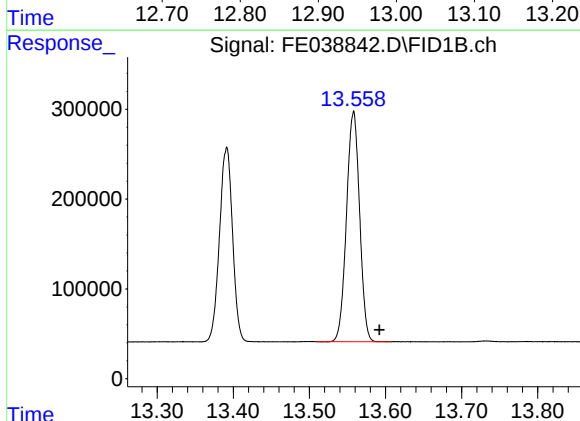
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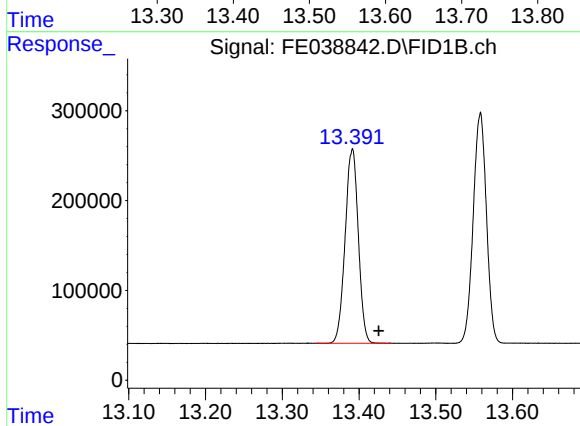
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.034 min
Response: 3095929
Conc: 19.21 ug/ml



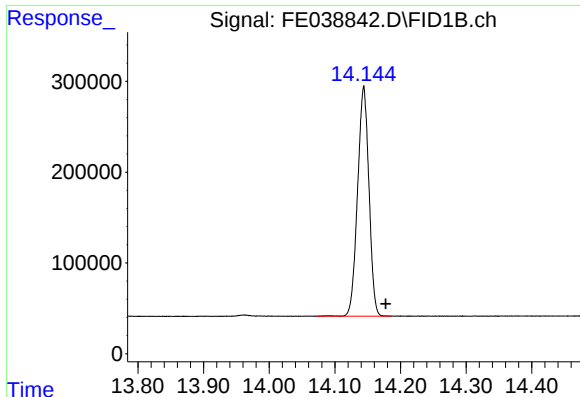
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.034 min
Response: 3065413
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.034 min
Response: 2581578
Conc: 18.86 ug/ml



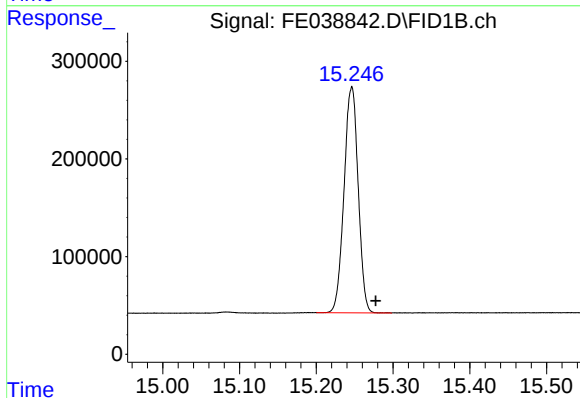
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.034 min
Response: 3042824
Conc: 18.85 ug/ml

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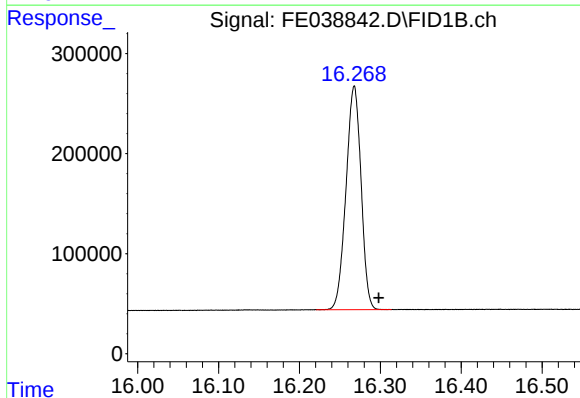
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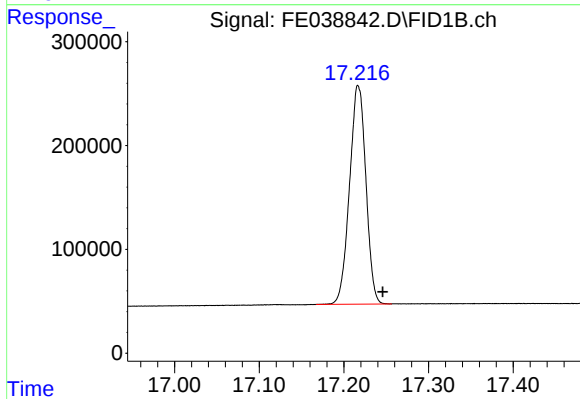
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.031 min
Response: 2959493
Conc: 18.45 ug/ml



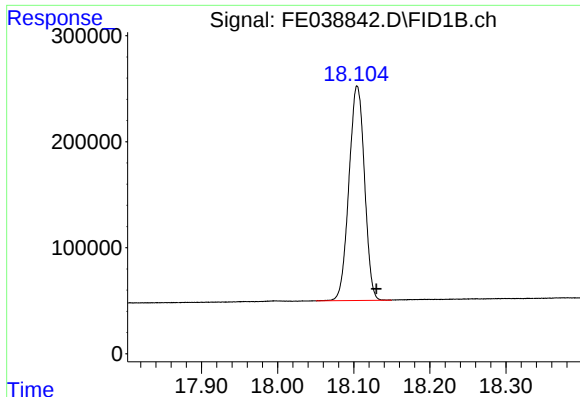
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 2888582
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.029 min
Response: 2827935
Conc: 18.02 ug/ml



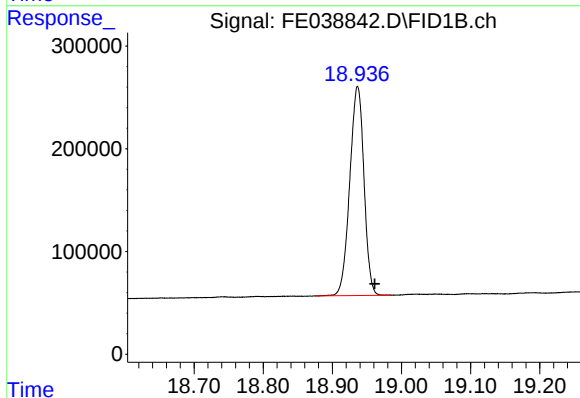
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: -0.025 min
Response: 2872209
Conc: 18.00 ug/ml

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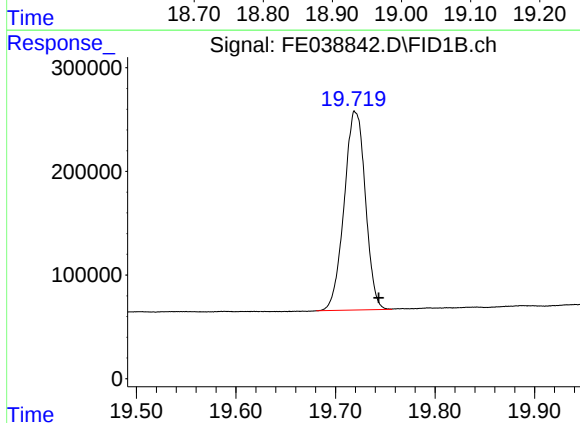
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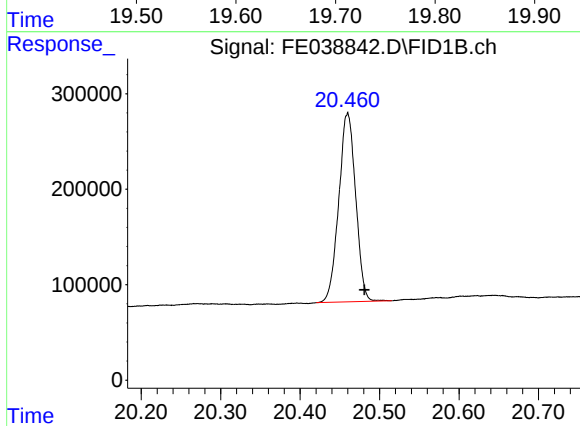
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.025 min
Response: 2904670
Conc: 18.42 ug/ml



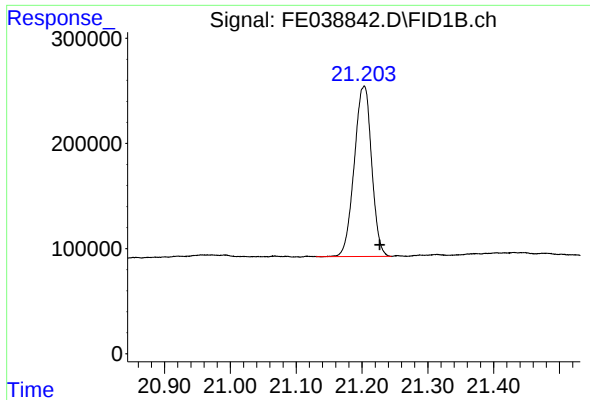
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.024 min
Response: 2837271
Conc: 19.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.021 min
Response: 2922884
Conc: 20.46 ug/ml



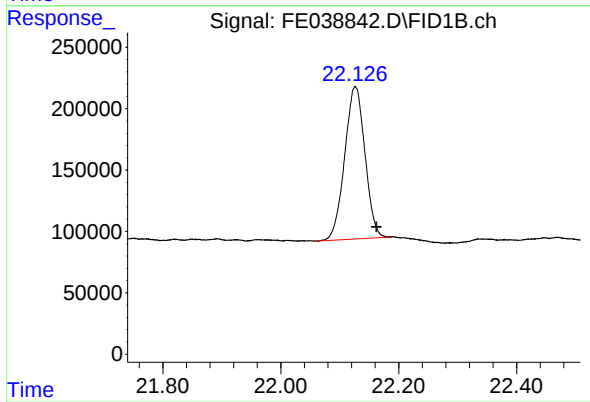
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 2967584
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.036 min
Response: 2963839
Conc: 23.48 ug/ml m