

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043686.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 18:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 03 01:38:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.943	4032094	19.566 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	13.383	3039550	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T n-Nonane (C9)	3.329	3207522	19.863 ug/ml
2) T n-Decane (C10)	4.581	3279026	19.895 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3635021	19.965 ug/ml
4) T n-Dodecane (C12)	6.745	3343600	19.978 ug/ml
5) T A~2-methylnaphthalene...	7.375	3557290	19.982 ug/ml
6) T n-Tetradecane (C14)	8.572	3362705	19.959 ug/ml
7) T n-Hexadecane (C16)	10.182	3501428	19.849 ug/ml
8) T n-Octadecane (C18)	11.627	3574117	19.730 ug/ml
10) T n-Eicosane (C20)	12.938	3467860	19.596 ug/ml
11) T n-Heneicosane (C21)	13.550	3520383	19.882 ug/ml
13) T n-Docosane (C22)	14.138	3409571	19.439 ug/ml
14) T n-Tetracosane (C24)	15.242	3384753	19.264 ug/ml
15) T n-Hexacosane (C26)	16.265	3287426	19.021 ug/ml
16) T n-Octacosane (C28)	17.215	3125833	18.682 ug/ml
17) T n-Tricontane (C30)	18.105	3058126	18.464 ug/ml
18) T n-Dotriacontane (C32)	18.940	2905275	18.400 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2838420	19.101 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2641178	18.895 ug/ml
21) T n-Octatriacontane (C38)	21.210	2716129	20.360 ug/ml
22) T n-Tetracontane (C40)	22.136	2837229	21.989 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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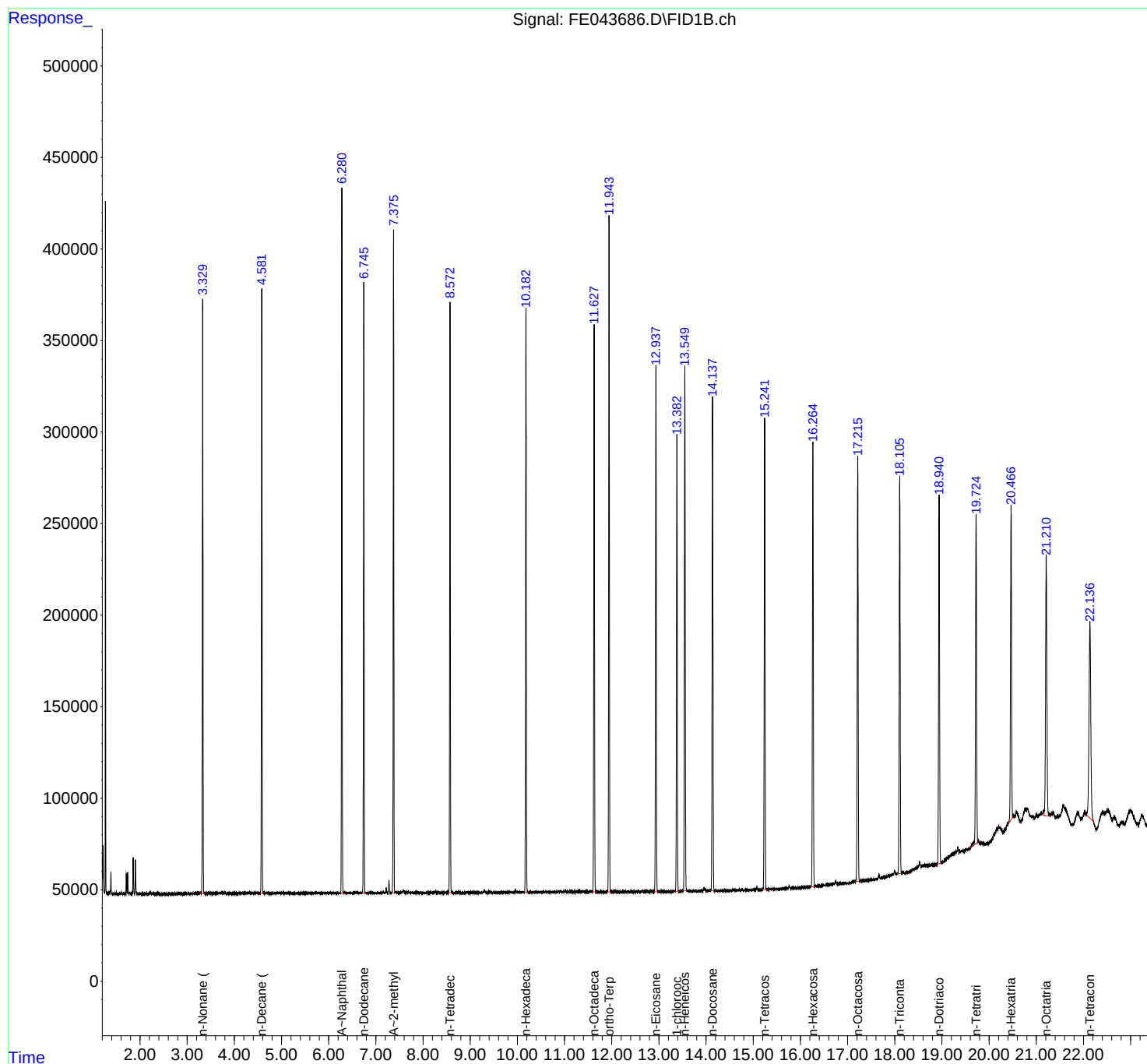
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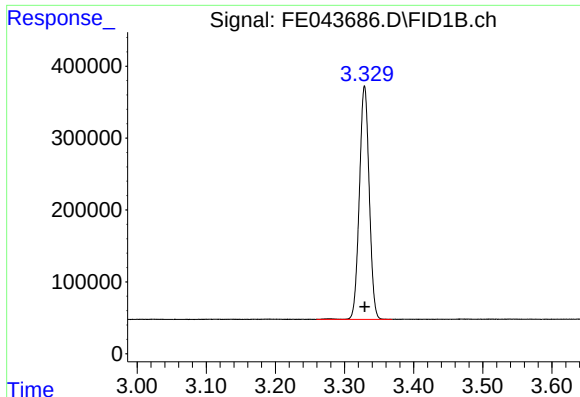
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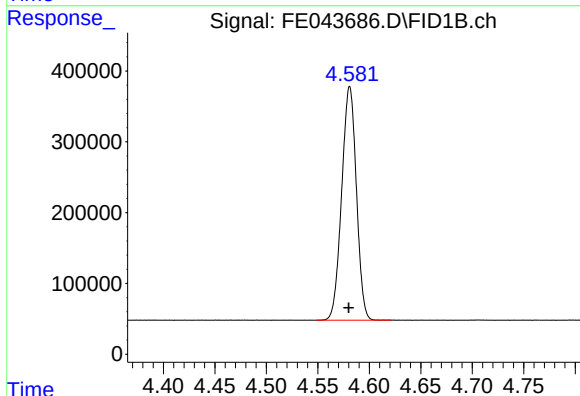
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3207522
Conc: 19.86 ug/ml

Instrument :
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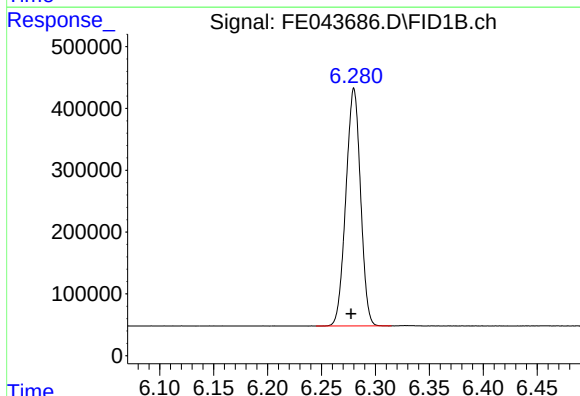
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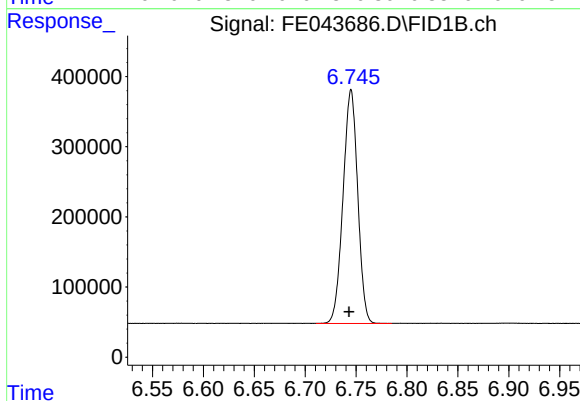
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: 0.001 min
Response: 3279026
Conc: 19.90 ug/ml



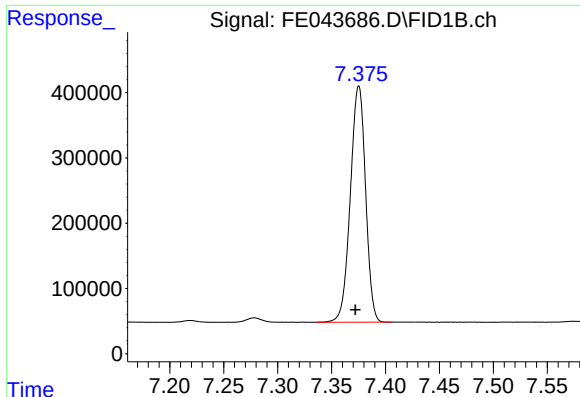
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.003 min
Response: 3635021
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 3343600
Conc: 19.98 ug/ml



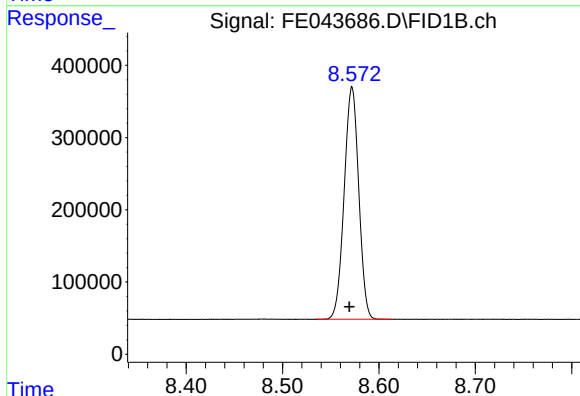
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.375 min
Delta R.T.: 0.003 min
Response: 3557290
Conc: 19.98 ug/ml

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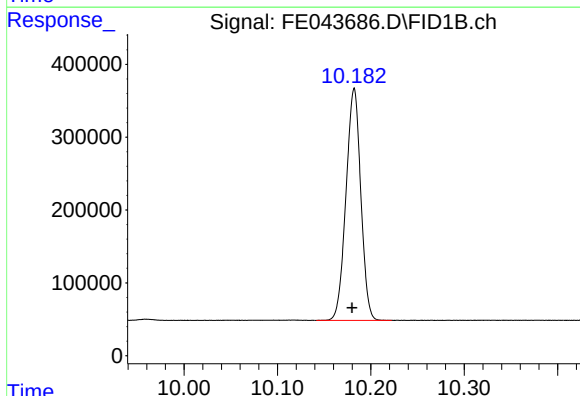
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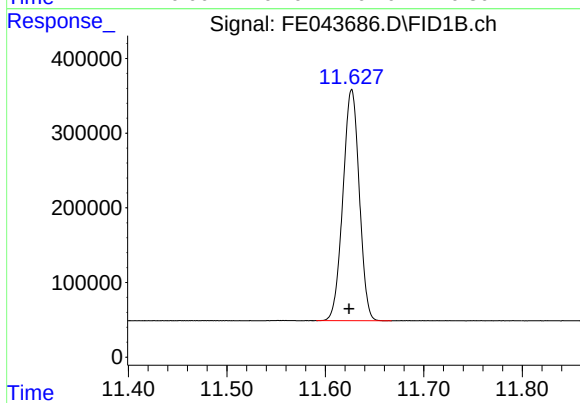
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 3362705
Conc: 19.96 ug/ml



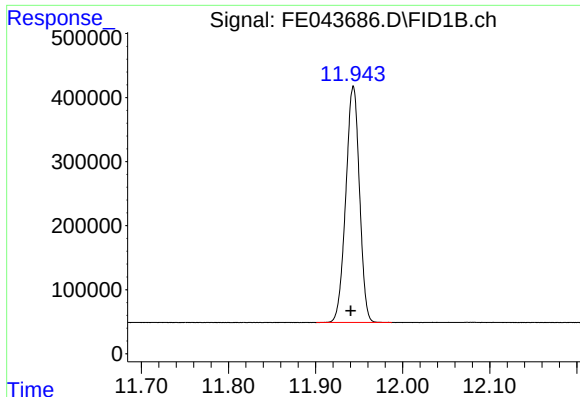
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.002 min
Response: 3501428
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 3574117
Conc: 19.73 ug/ml



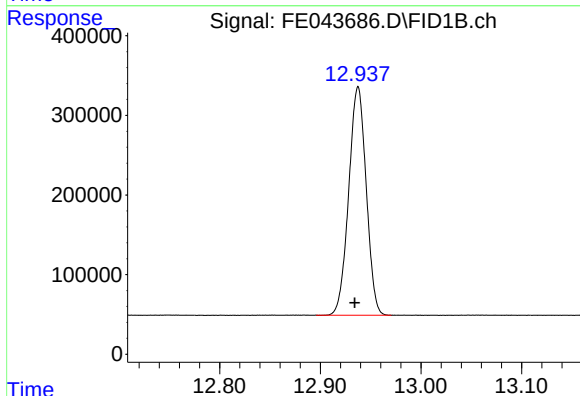
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 4032094
Conc: 19.57 ug/ml

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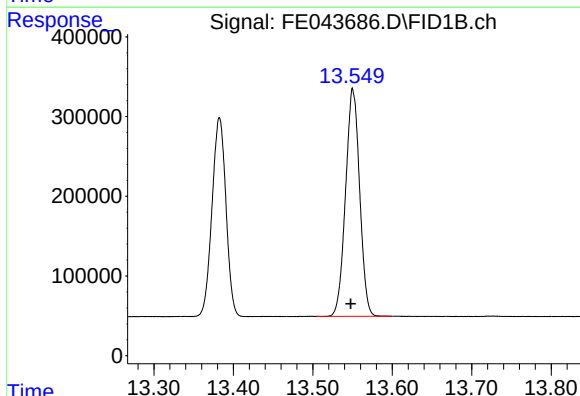
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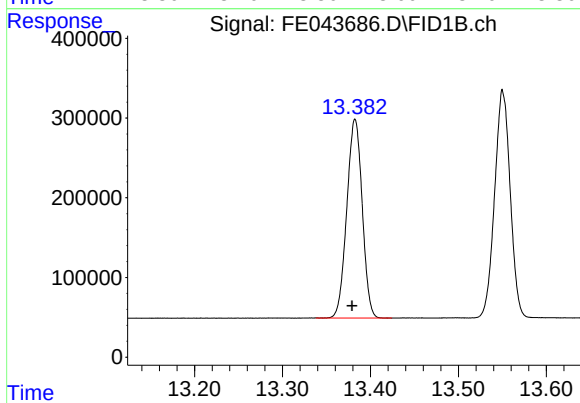
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.003 min
Response: 3467860
Conc: 19.60 ug/ml



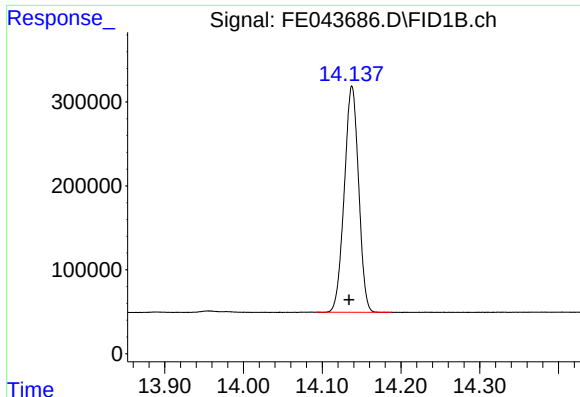
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: 0.002 min
Response: 3520383
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 3039550
Conc: 19.48 ug/ml



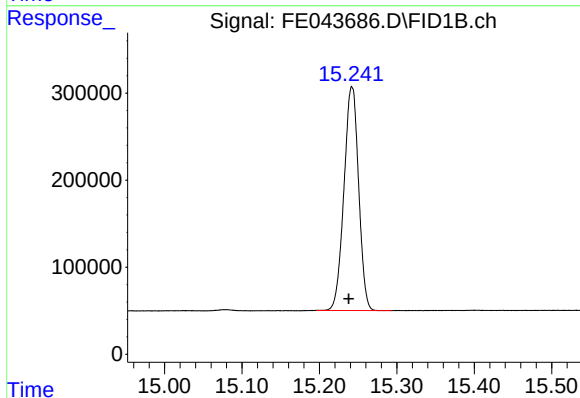
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: 0.004 min
Response: 3409571
Conc: 19.44 ug/ml

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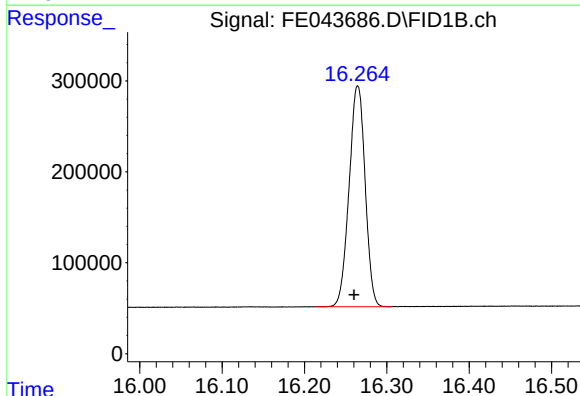
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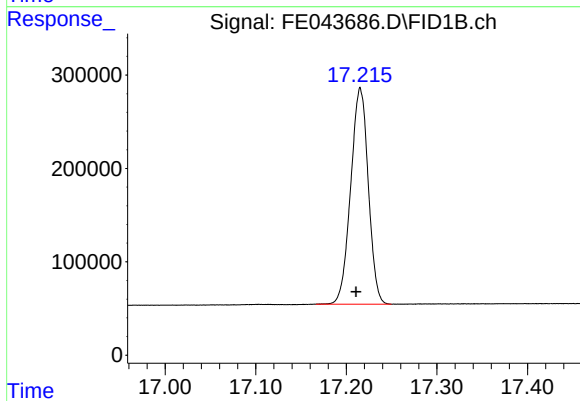
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 3384753
Conc: 19.26 ug/ml



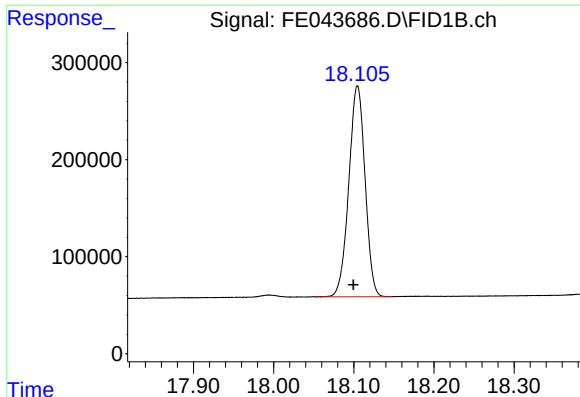
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 3287426
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.005 min
Response: 3125833
Conc: 18.68 ug/ml



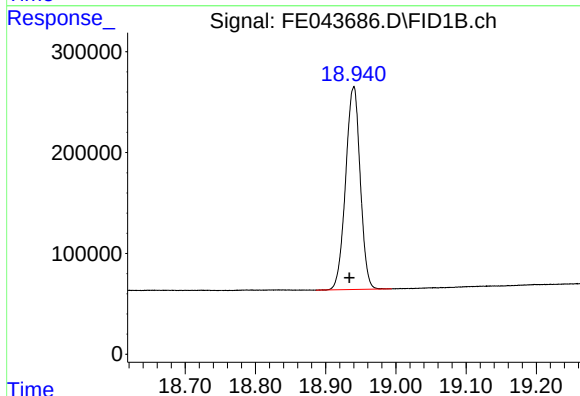
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: 0.005 min
Response: 3058126
Conc: 18.46 ug/ml

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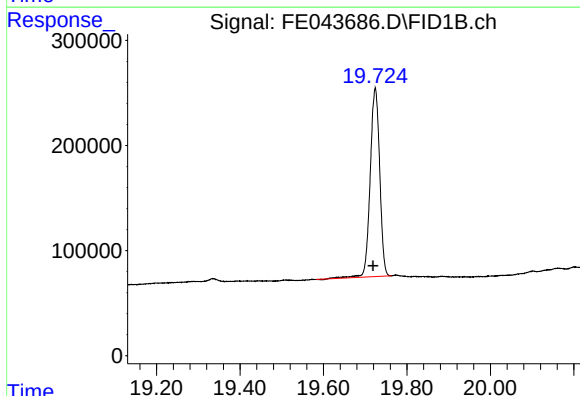
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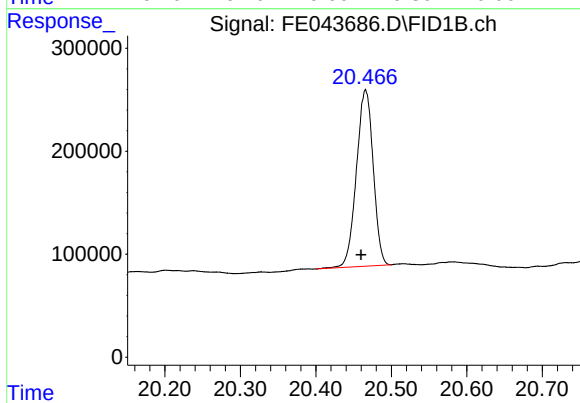
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.006 min
Response: 2905275
Conc: 18.40 ug/ml



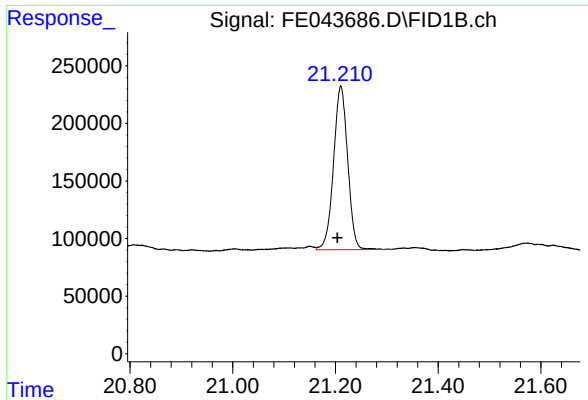
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 2838420
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.006 min
Response: 2641178
Conc: 18.90 ug/ml



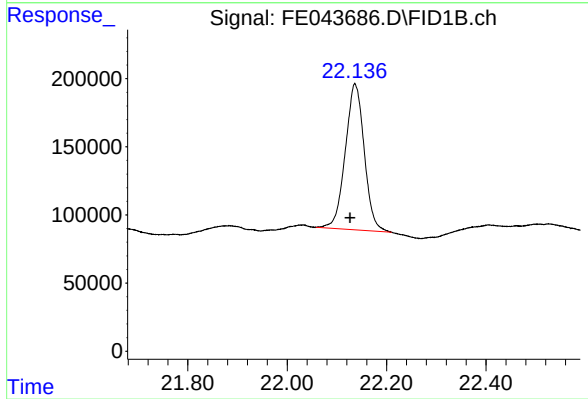
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.007 min
Response: 2716129
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.009 min
Response: 2837229
Conc: 21.99 ug/ml m