

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036383.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 13:23
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: sample.E
 Quant Time: Jul 07 03:59:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.871	4097556	20.509 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.309	3176358	20.517 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.262	3731742	20.748 ug/ml
2) T n-Decane (C10)	4.516	3801417	21.147 ug/ml
3) T A~Naphthalene (C11.7)	6.218	4238670	21.126 ug/ml
4) T n-Dodecane (C12)	6.683	3902425	21.069 ug/ml
5) T A~2-methylnaphthalene...	7.314	4265957	20.956 ug/ml
6) T n-Tetradecane (C14)	8.510	3936757	21.057 ug/ml
7) T n-Hexadecane (C16)	10.115	3909447	20.876 ug/ml
8) T n-Octadecane (C18)	11.557	3877534	20.842 ug/ml
10) T n-Eicosane (C20)	12.866	3734725	20.615 ug/ml
11) T n-Heneicosane (C21)	13.477	3689785	20.541 ug/ml
13) T n-Docosane (C22)	14.062	3633162	20.550 ug/ml
14) T n-Tetracosane (C24)	15.164	3542950	20.686 ug/ml
15) T n-Hexacosane (C26)	16.185	3429791	20.759 ug/ml
16) T n-Octacosane (C28)	17.134	3416311	21.342 ug/ml
17) T n-Tricontane (C30)	18.023	3475625	22.449 ug/ml
18) T n-Dotriacontane (C32)	18.855	3398211	23.254 ug/ml
19) T n-Tetratriacontane (C34)	19.638	3206097	23.168 ug/mlm
20) T n-Hexatriacontane (C36)	20.381	3064207	22.825 ug/ml
21) T n-Octatriacontane (C38)	21.105	3044152	22.890 ug/mlm
22) T n-Tetracontane (C40)	21.998	3423082	24.481 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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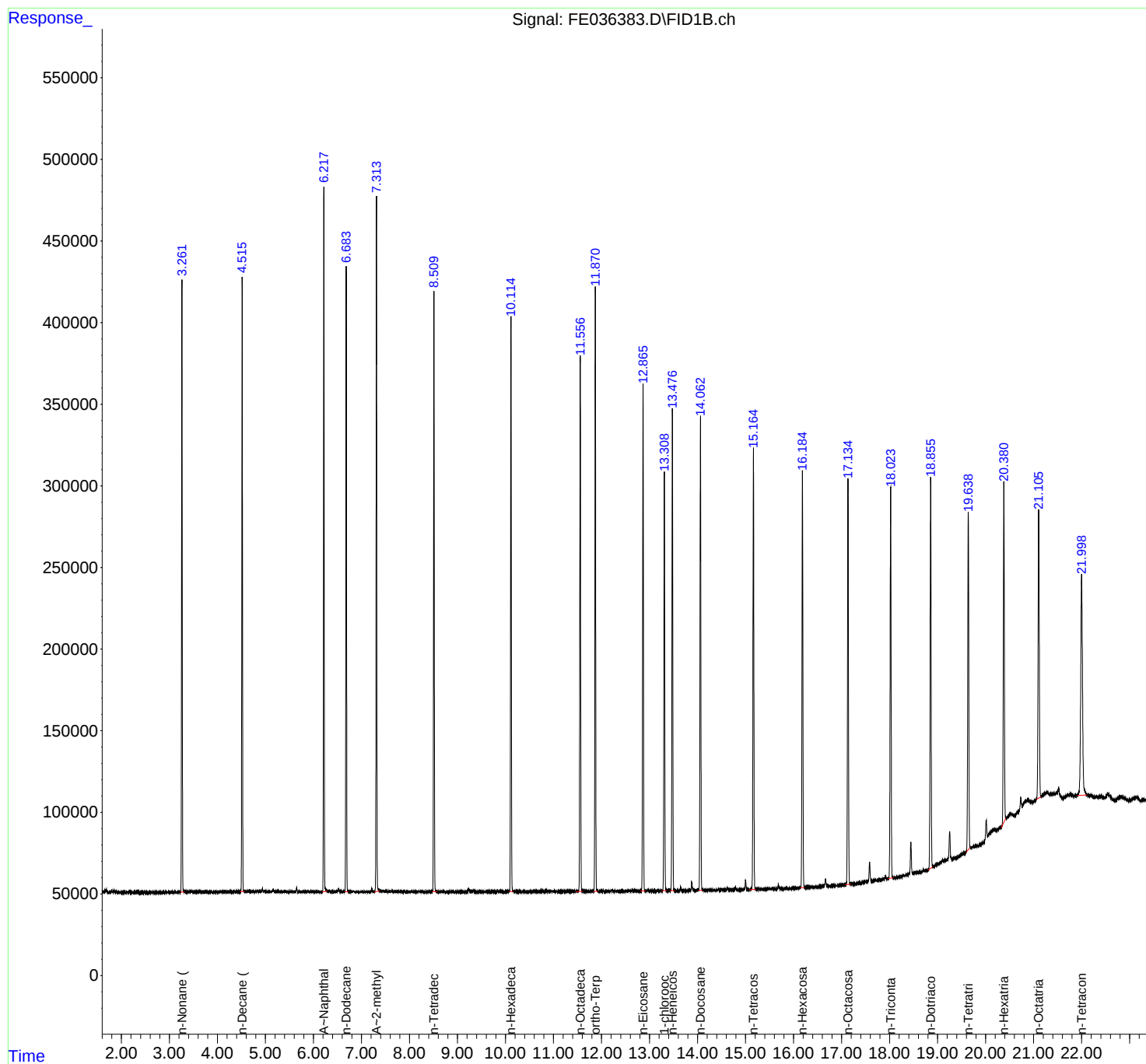
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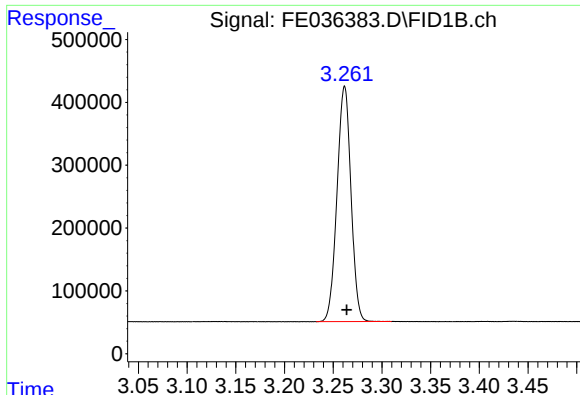
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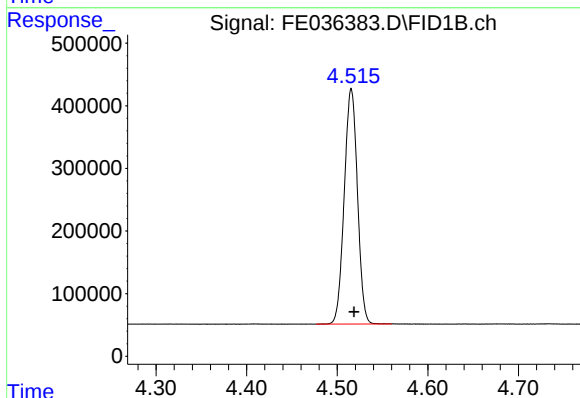
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 3731742
Conc: 20.75 ug/ml

Instrument :
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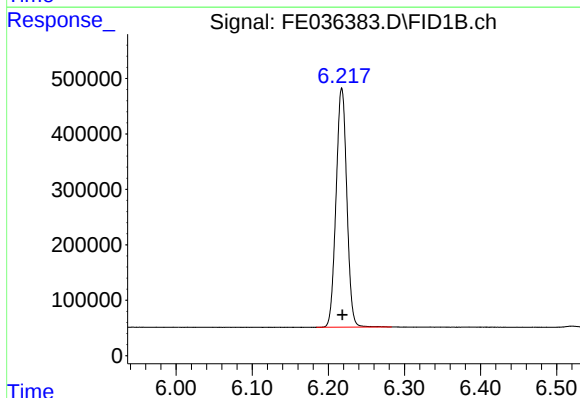
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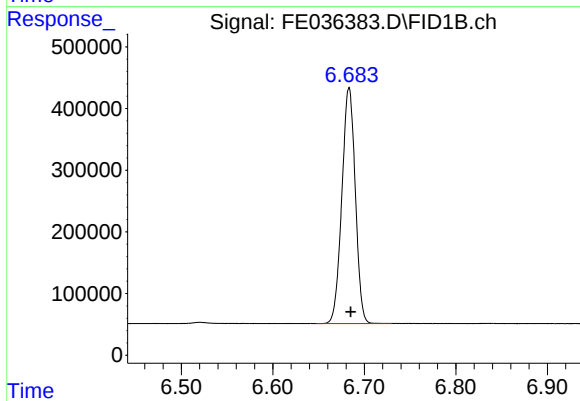
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 3801417
Conc: 21.15 ug/ml



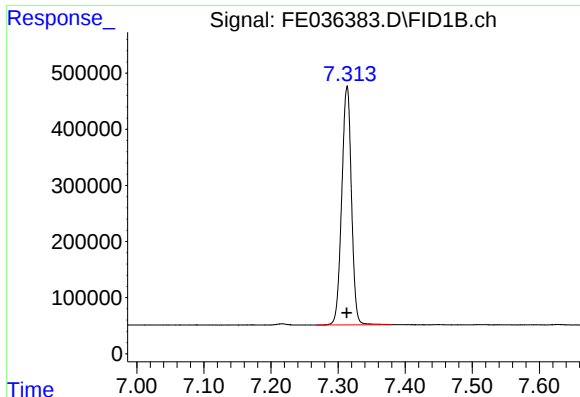
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 4238670
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 3902425
Conc: 21.07 ug/ml



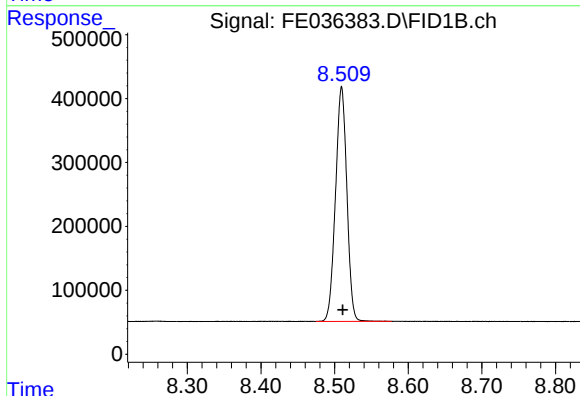
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 4265957
Conc: 20.96 ug/ml

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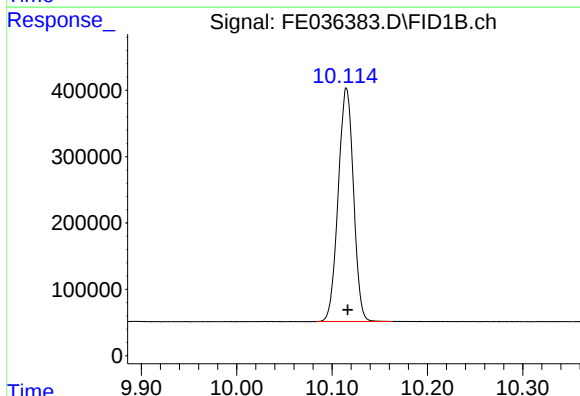
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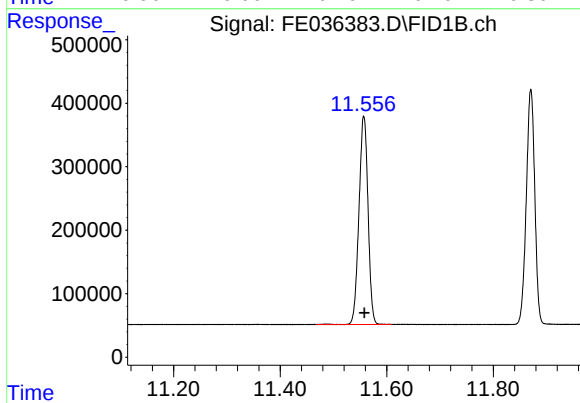
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 3936757
Conc: 21.06 ug/ml



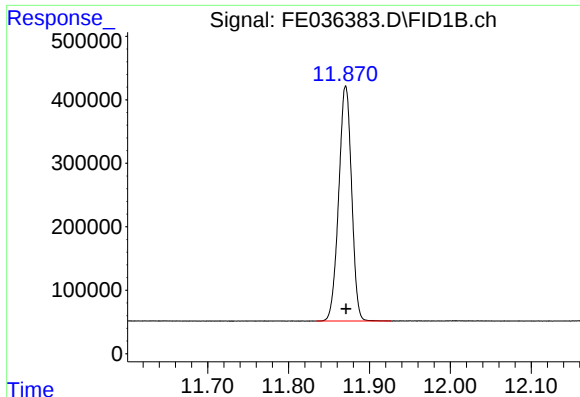
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.001 min
Response: 3909447
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 3877534
Conc: 20.84 ug/ml



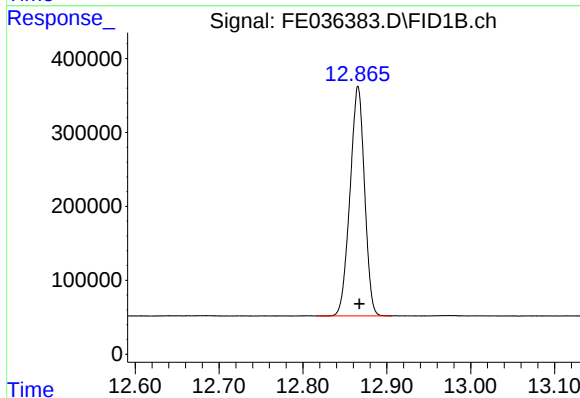
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 4097556
Conc: 20.51 ug/ml

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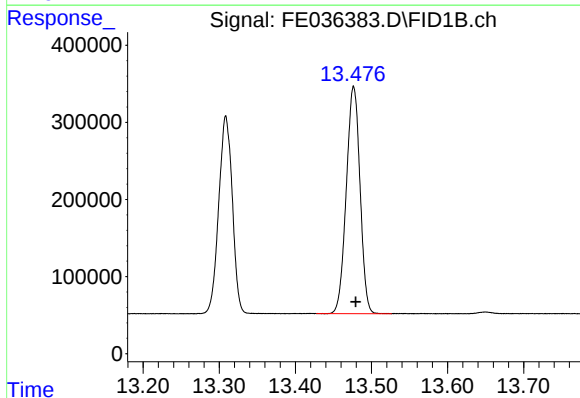
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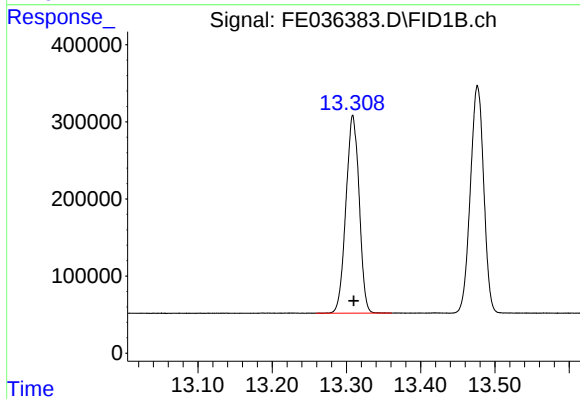
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.002 min
Response: 3734725
Conc: 20.62 ug/ml



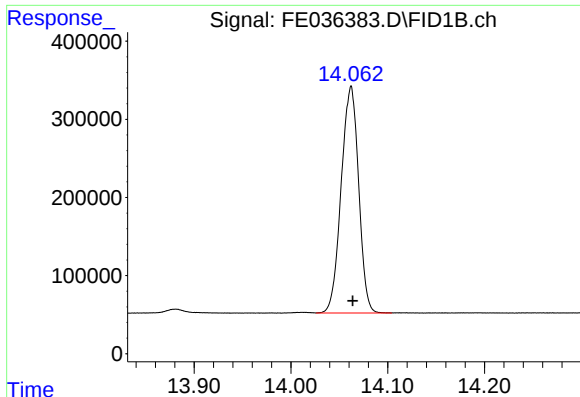
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.003 min
Response: 3689785
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.001 min
Response: 3176358
Conc: 20.52 ug/ml



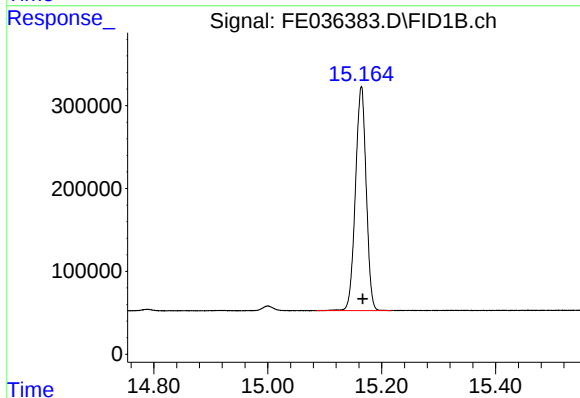
#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.002 min
Response: 3633162
Conc: 20.55 ug/ml

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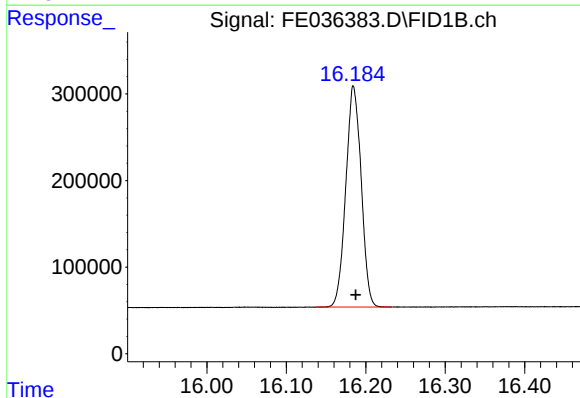
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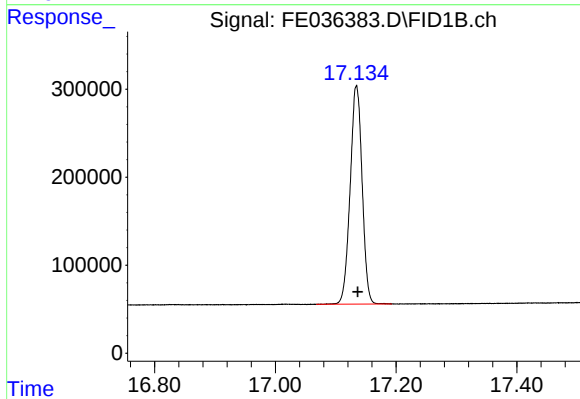
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 3542950
Conc: 20.69 ug/ml



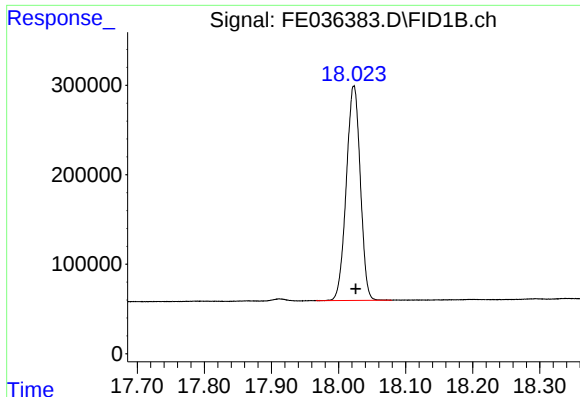
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.003 min
Response: 3429791
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.003 min
Response: 3416311
Conc: 21.34 ug/ml



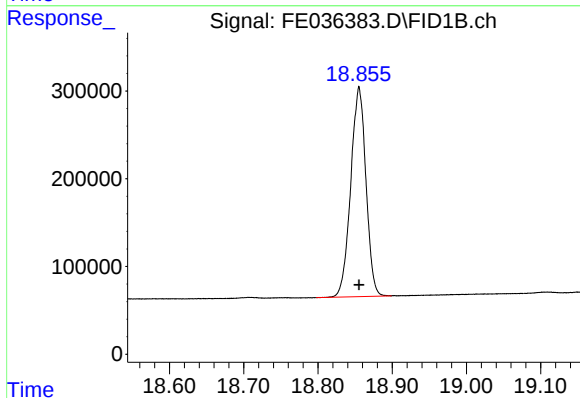
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.003 min
Response: 3475625
Conc: 22.45 ug/ml

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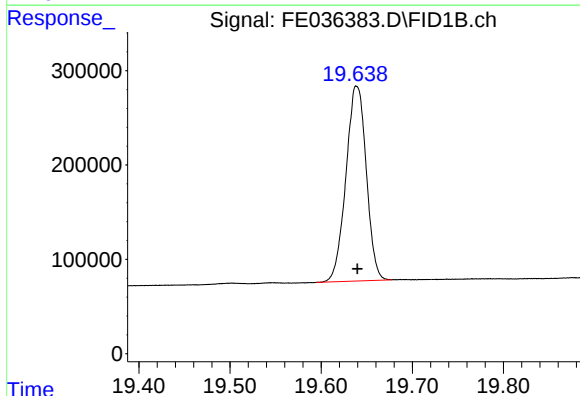
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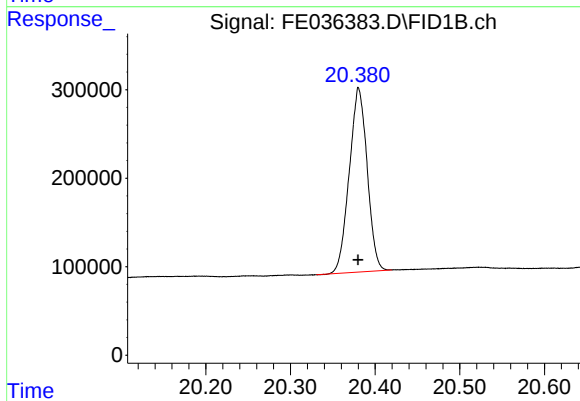
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: 0.000 min
Response: 3398211
Conc: 23.25 ug/ml



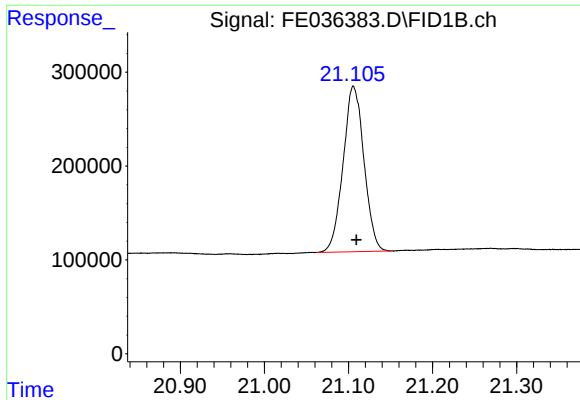
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.002 min
Response: 3206097
Conc: 23.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 3064207
Conc: 22.83 ug/ml



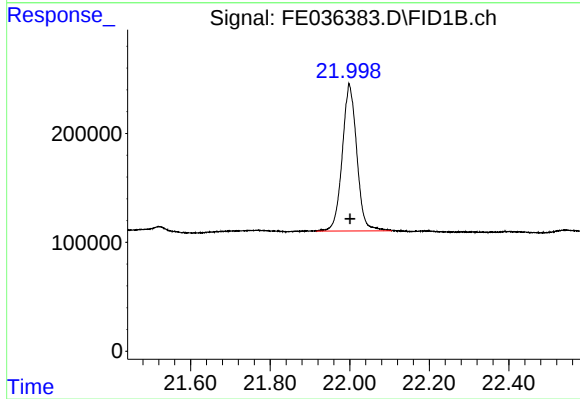
#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.004 min
Response: 3044152
Conc: 22.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.003 min
Response: 3423082
Conc: 24.48 ug/ml m