

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037402.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 15:54
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 00:54:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.640	3111822	18.414 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.062	2366454	18.387 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	3.038	3035589	19.840 ug/ml
2) T n-Decane (C10)	4.294	3063521	19.870 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2973574	20.640 ug/ml
4) T n-Dodecane (C12)	6.464	3111039	19.674 ug/ml
5) T A~2-methylnaphthalene...	7.101	2870944	20.563 ug/ml
6) T n-Tetradecane (C14)	9.883	3035232	19.155 ug/ml
7) T n-Hexadecane (C16)	9.883	3035232	19.155 ug/ml
8) T n-Octadecane (C18)	11.318	2991021	18.783 ug/ml
10) T n-Eicosane (C20)	12.620	2904754	18.359 ug/ml
11) T n-Heneicosane (C21)	13.228	2867679	18.186 ug/ml
13) T n-Docosane (C22)	13.811	2811620	18.061 ug/ml
14) T n-Tetracosane (C24)	14.909	2693322	17.907 ug/ml
15) T n-Hexacosane (C26)	15.925	2609488	18.021 ug/ml
16) T n-Octacosane (C28)	16.870	2543786	18.362 ug/ml
17) T n-Tricontane (C30)	17.752	2567137	18.872 ug/ml
18) T n-Dotriacontane (C32)	18.579	2588236	19.383 ug/ml
19) T n-Tetratriacontane (C34)	19.359	2579389	20.386 ug/mlm
20) T n-Hexatriacontane (C36)	20.096	2573553	20.010 ug/ml
21) T n-Octatriacontane (C38)	20.793	2529423	20.323 ug/ml
22) T n-Tetracontane (C40)	21.575	2861383	22.196 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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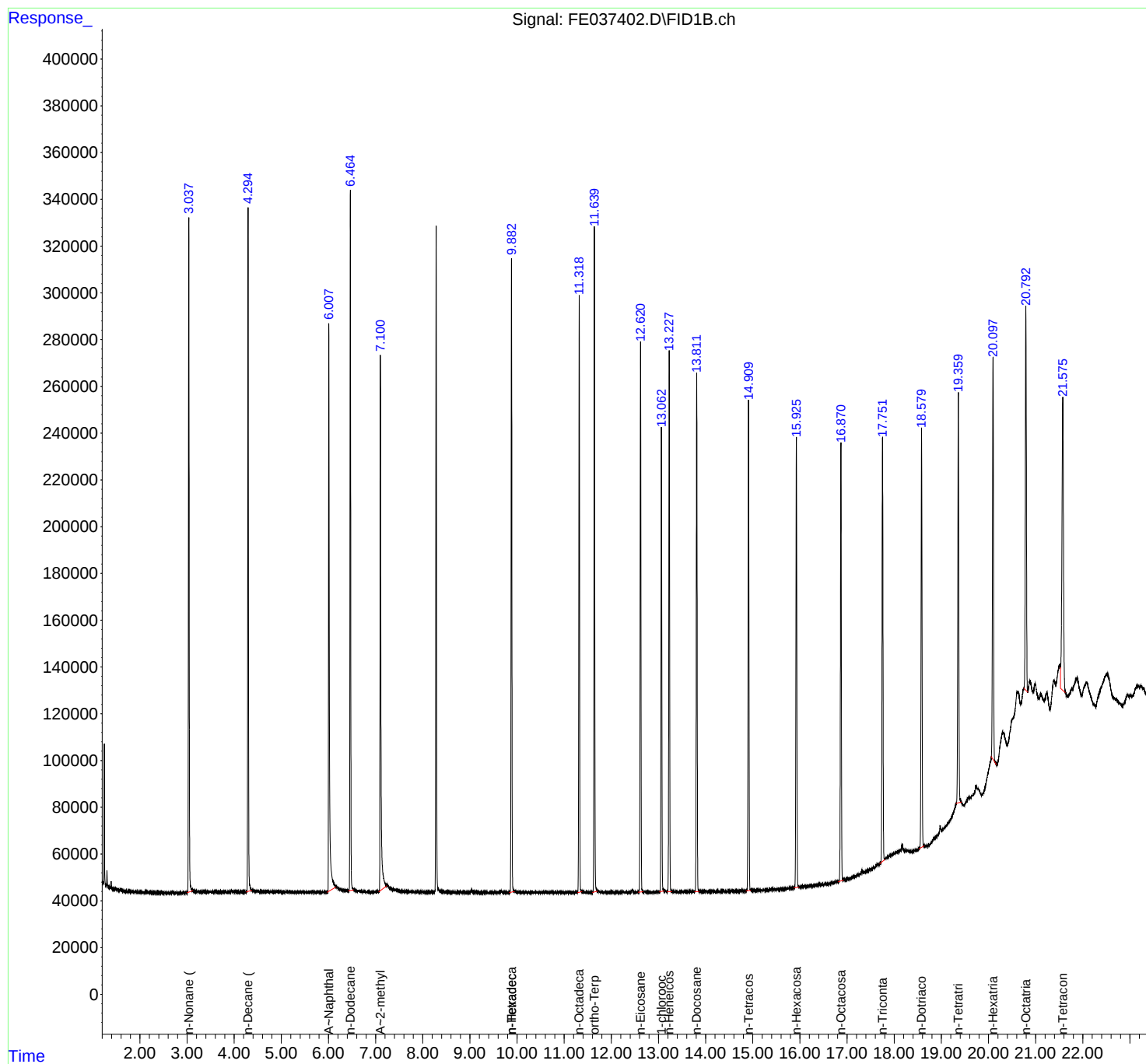
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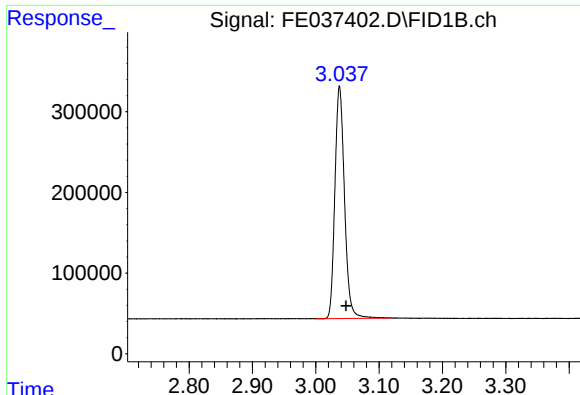
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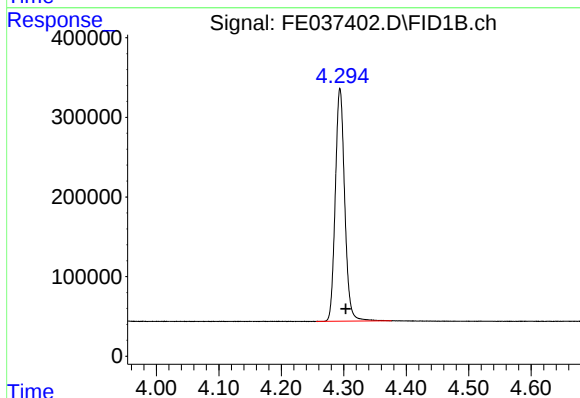
#1 n-Nonane (C9)

R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 3035589
Conc: 19.84 ug/ml

Instrument :
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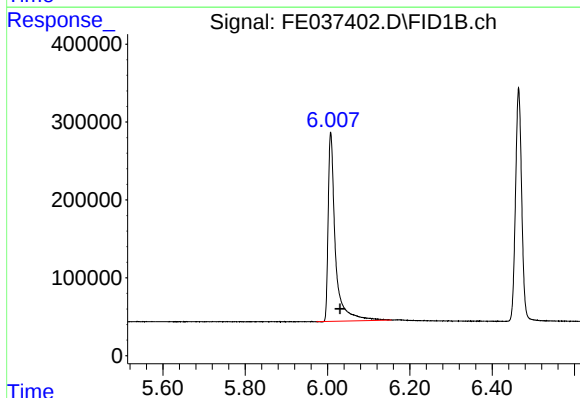
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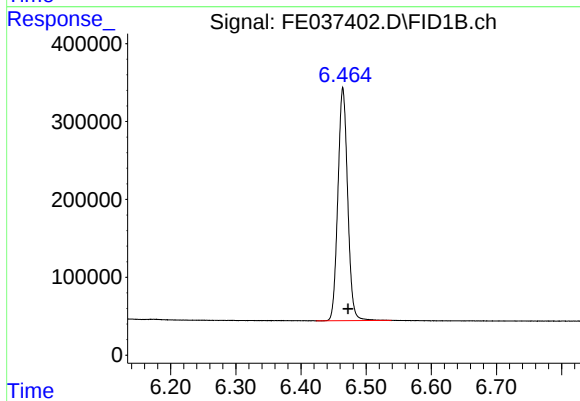
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 3063521
Conc: 19.87 ug/ml



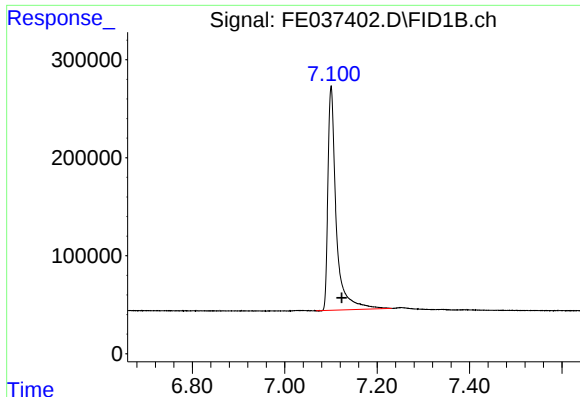
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.023 min
Response: 2973574
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 3111039
Conc: 19.67 ug/ml



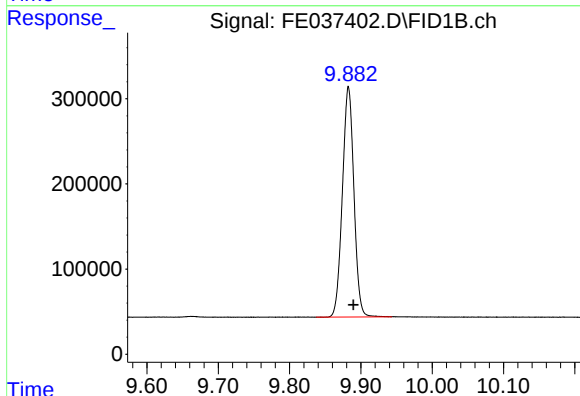
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.023 min
Response: 2870944
Conc: 20.56 ug/ml

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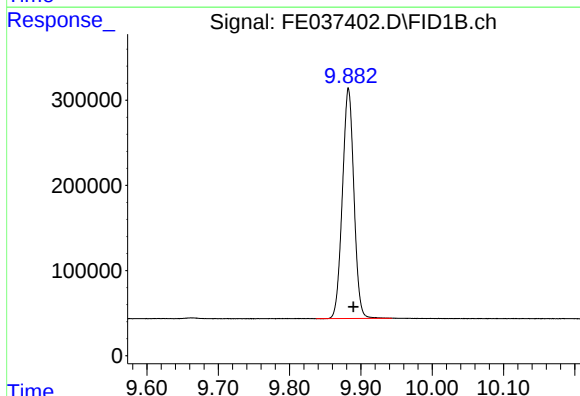
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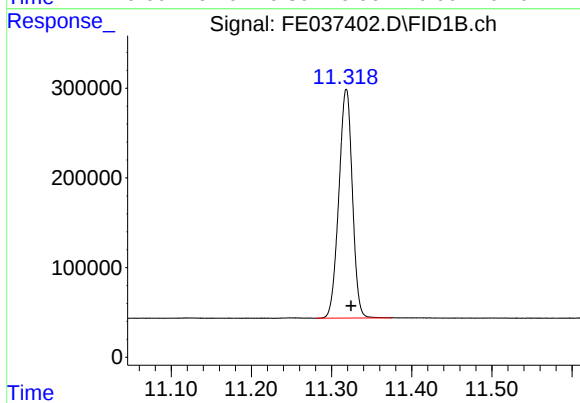
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3035232
Conc: 19.16 ug/ml



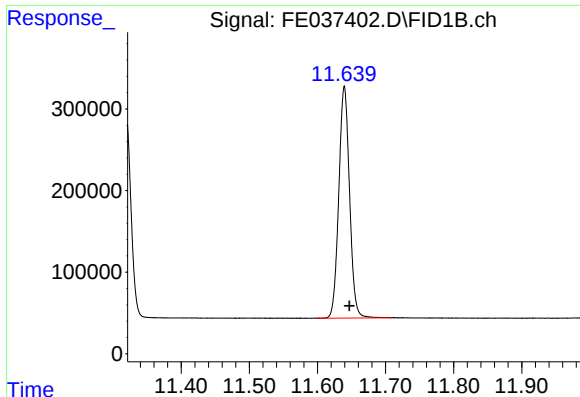
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3035232
Conc: 19.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 2991021
Conc: 18.78 ug/ml



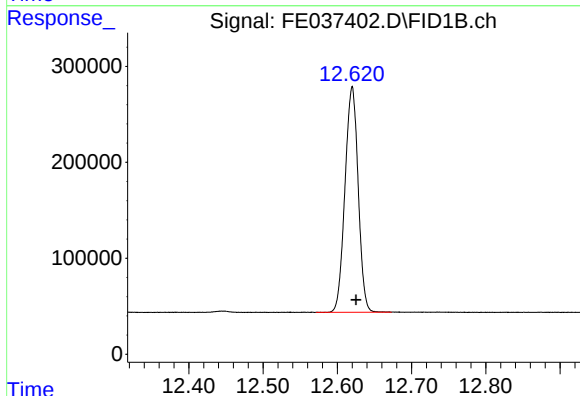
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 3111822
Conc: 18.41 ug/ml

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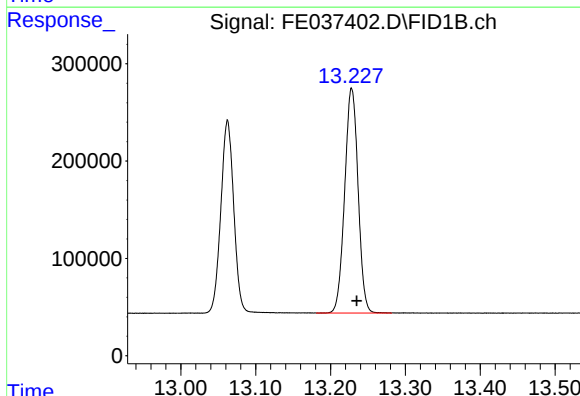
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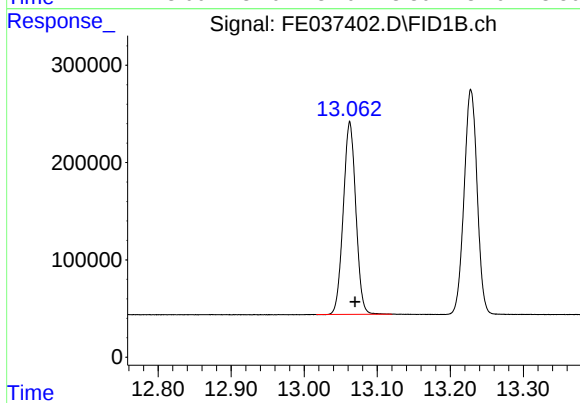
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.005 min
Response: 2904754
Conc: 18.36 ug/ml



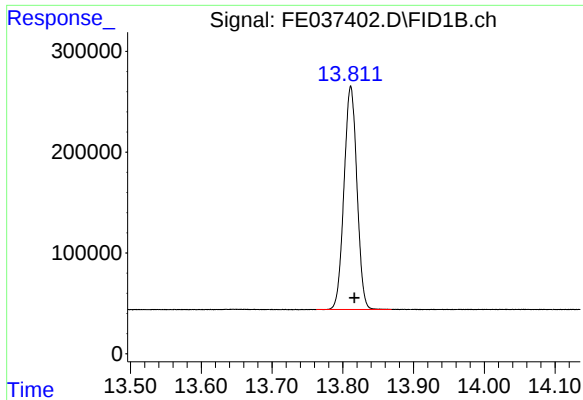
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.007 min
Response: 2867679
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.007 min
Response: 2366454
Conc: 18.39 ug/ml



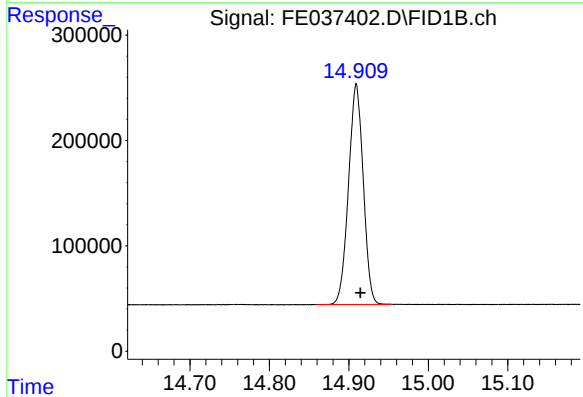
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.005 min
Response: 2811620
Conc: 18.06 ug/ml

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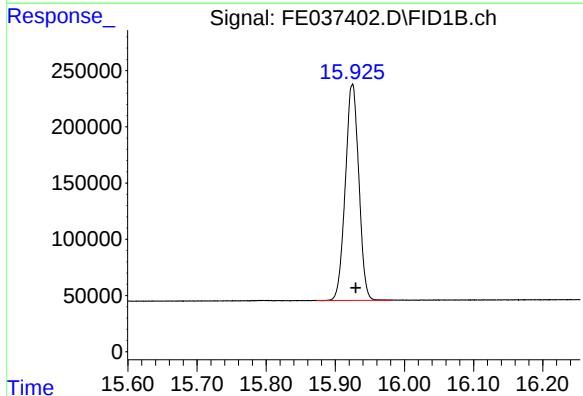
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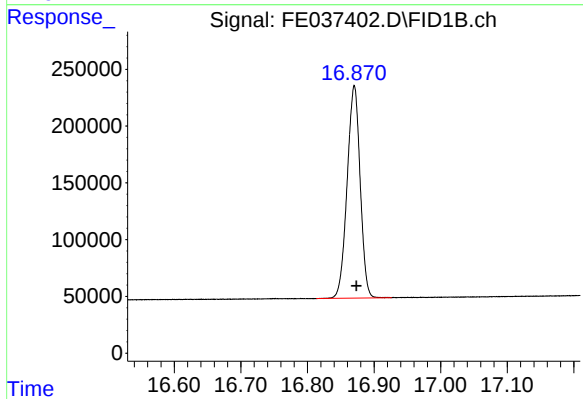
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.005 min
Response: 2693322
Conc: 17.91 ug/ml



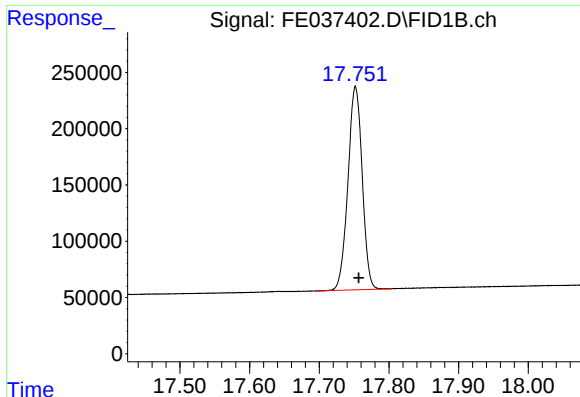
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.005 min
Response: 2609488
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.870 min
Delta R.T.: -0.003 min
Response: 2543786
Conc: 18.36 ug/ml



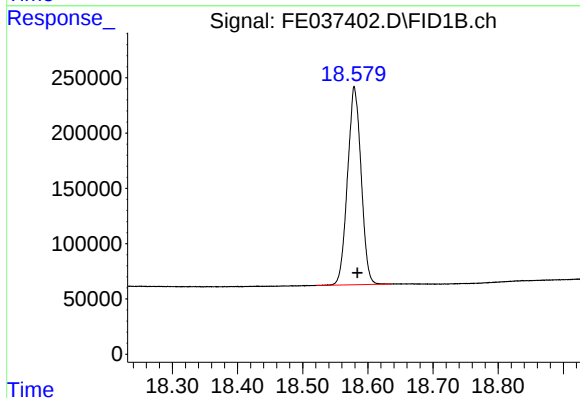
#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 2567137
Conc: 18.87 ug/ml

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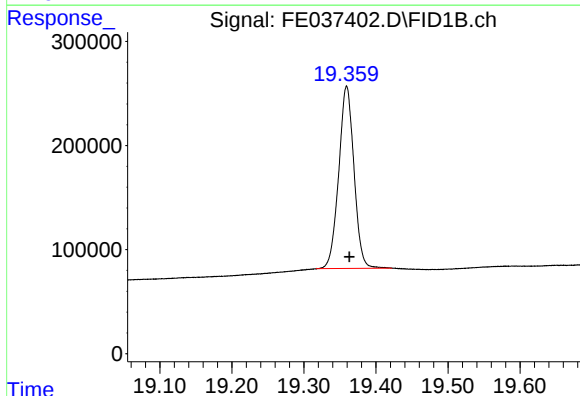
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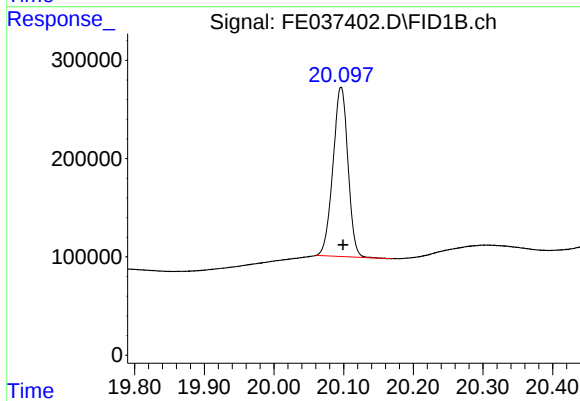
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.005 min
Response: 2588236
Conc: 19.38 ug/ml



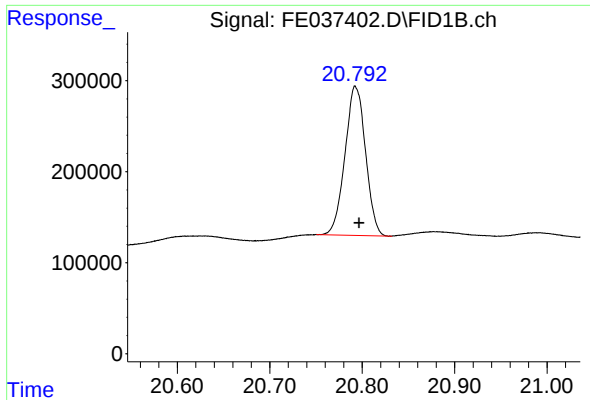
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.004 min
Response: 2579389
Conc: 20.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: -0.003 min
Response: 2573553
Conc: 20.01 ug/ml



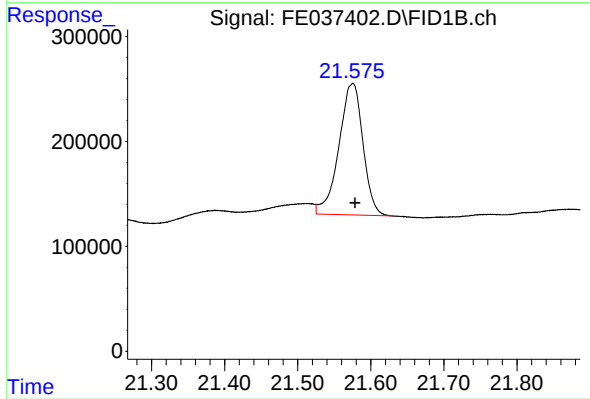
#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.004 min
Response: 2529423
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.004 min
Response: 2861383
Conc: 22.20 ug/ml m