

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037411.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 21:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 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 00:57:21 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)	11.639	3120672	18.466 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	13.062	2398148	18.634 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.036	2992436	19.558 ug/ml
2) T n-Decane (C10)	4.293	3044593	19.747 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2978487	20.674 ug/ml
4) T n-Dodecane (C12)	6.464	3096718	19.583 ug/ml
5) T A~2-methylnaphthalene...	7.100	2894422	20.732 ug/ml
6) T n-Tetradecane (C14)	9.881	3050660	19.253 ug/ml
7) T n-Hexadecane (C16)	9.881	3050660	19.253 ug/ml
8) T n-Octadecane (C18)	11.316	3004720	18.869 ug/ml
10) T n-Eicosane (C20)	12.619	2927298	18.501 ug/ml
11) T n-Heneicosane (C21)	13.228	2883782	18.288 ug/ml
13) T n-Docosane (C22)	13.810	2833934	18.205 ug/ml
14) T n-Tetracosane (C24)	14.906	2724714	18.116 ug/ml
15) T n-Hexacosane (C26)	15.922	2646723	18.278 ug/ml
16) T n-Octacosane (C28)	16.866	2597315	18.748 ug/ml
17) T n-Tricontane (C30)	17.749	2703528	19.874 ug/ml
18) T n-Dotriacontane (C32)	18.578	2749935	20.594 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2657082	21.000 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2653852	20.634 ug/mlm
21) T n-Octatriacontane (C38)	20.790	2674772	21.491 ug/ml
22) T n-Tetracontane (C40)	21.569	2786217	21.613 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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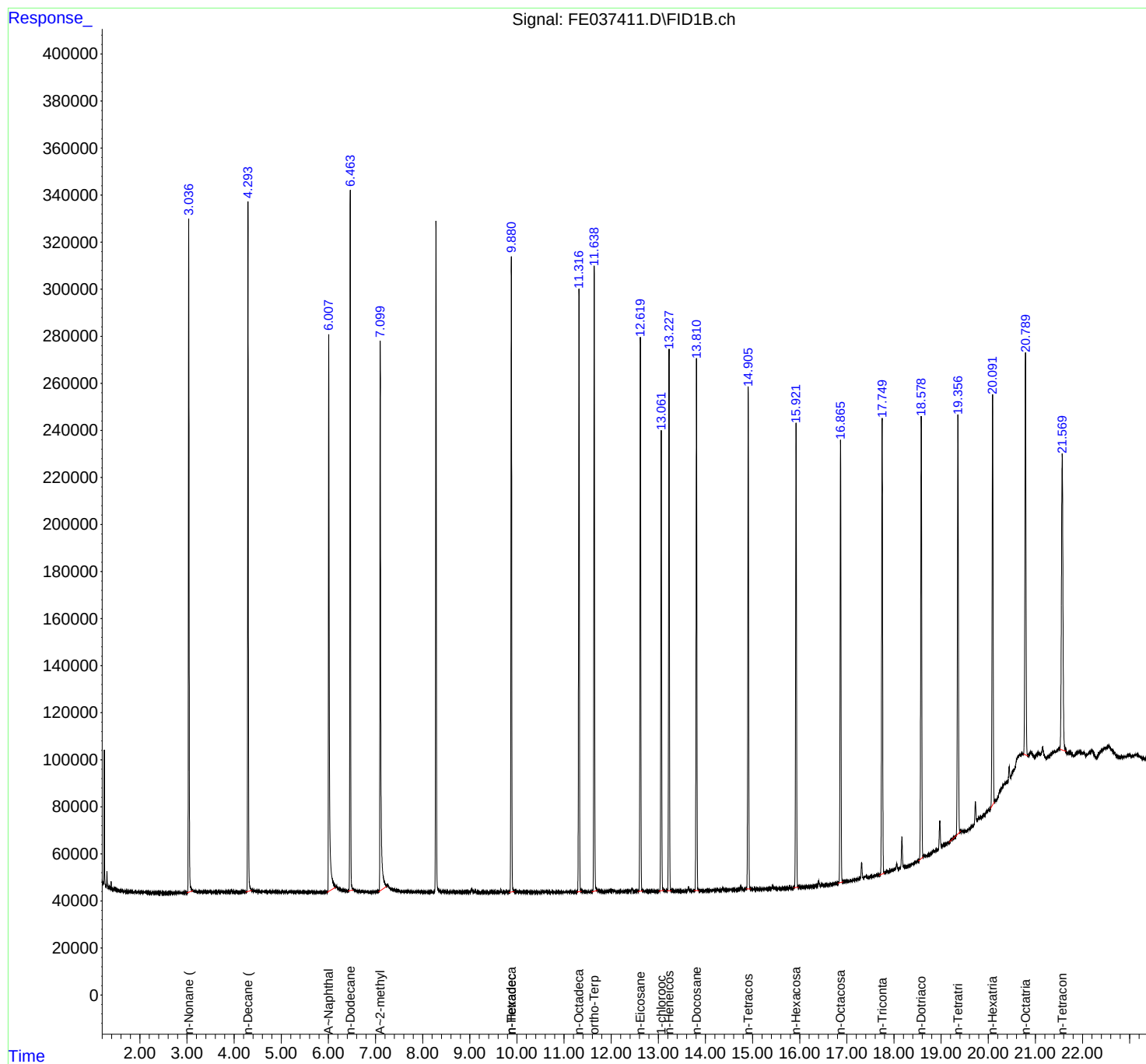
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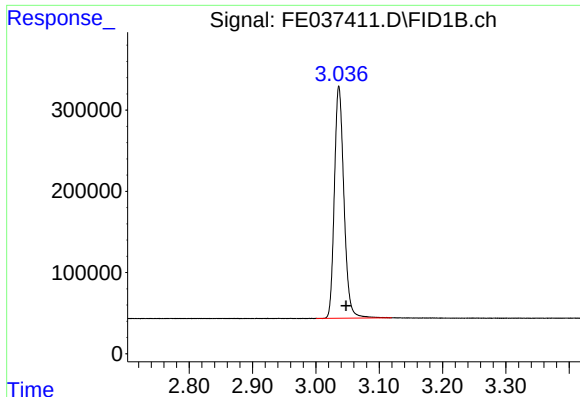
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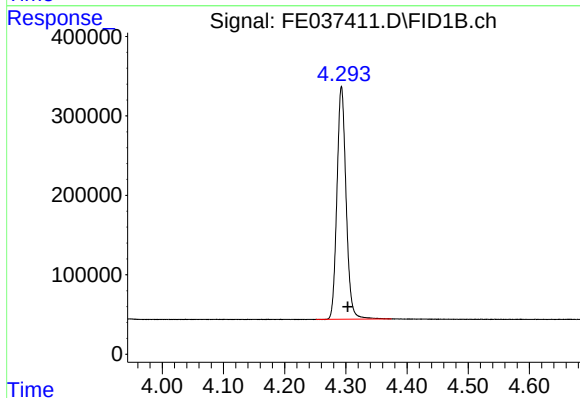
#1 n-Nonane (C9)

R.T.: 3.036 min
Delta R.T.: -0.012 min
Response: 2992436
Conc: 19.56 ug/ml

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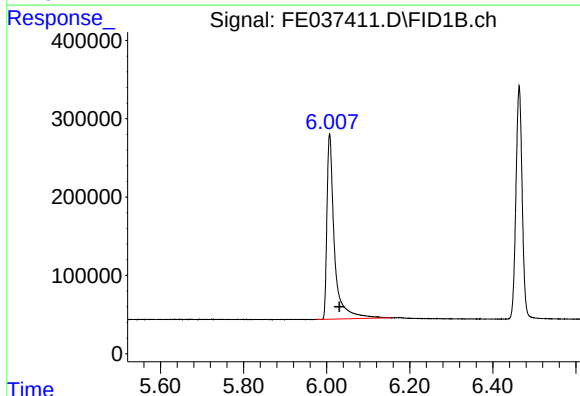
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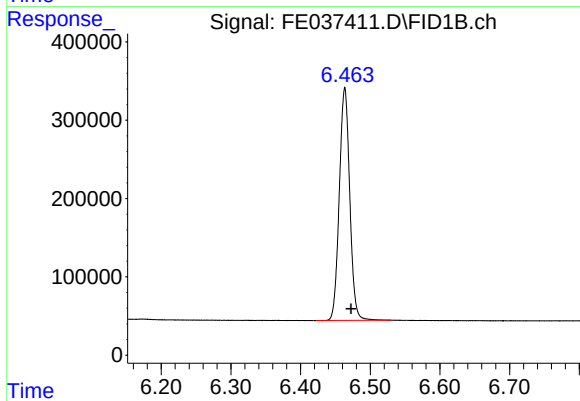
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.010 min
Response: 3044593
Conc: 19.75 ug/ml



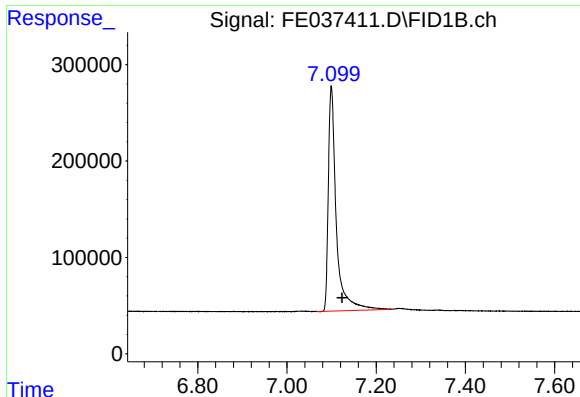
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.023 min
Response: 2978487
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.009 min
Response: 3096718
Conc: 19.58 ug/ml



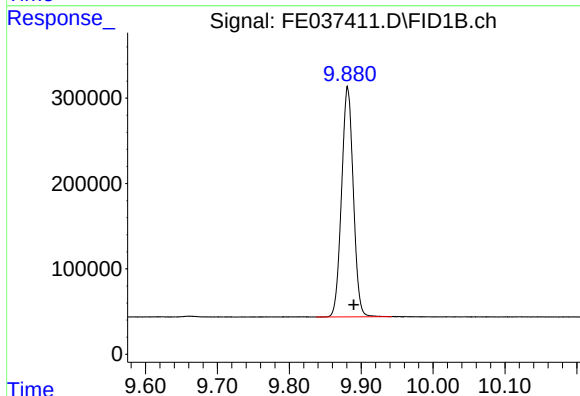
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.024 min
Response: 2894422
Conc: 20.73 ug/ml

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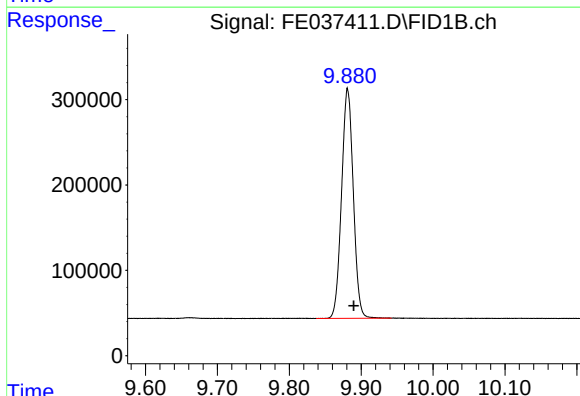
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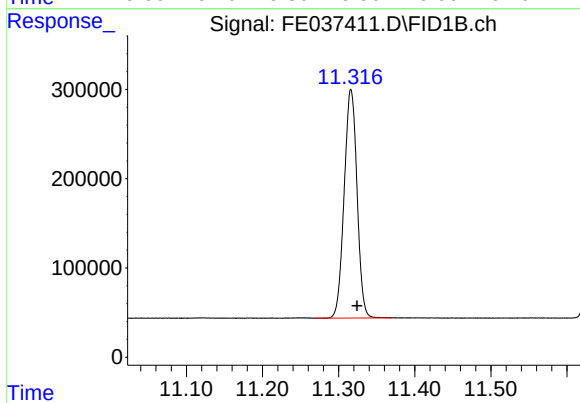
#6 n-Tetradecane (C14)

R.T.: 9.881 min
Delta R.T.: -0.008 min
Response: 3050660
Conc: 19.25 ug/ml



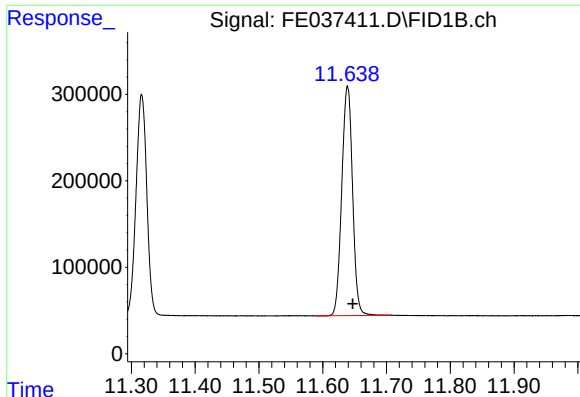
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.008 min
Response: 3050660
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: -0.008 min
Response: 3004720
Conc: 18.87 ug/ml



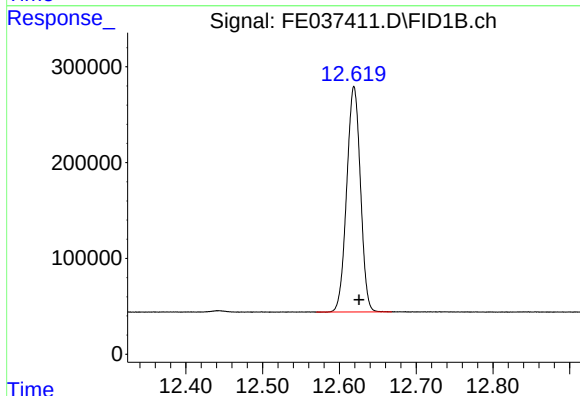
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: -0.008 min
Response: 3120672
Conc: 18.47 ug/ml

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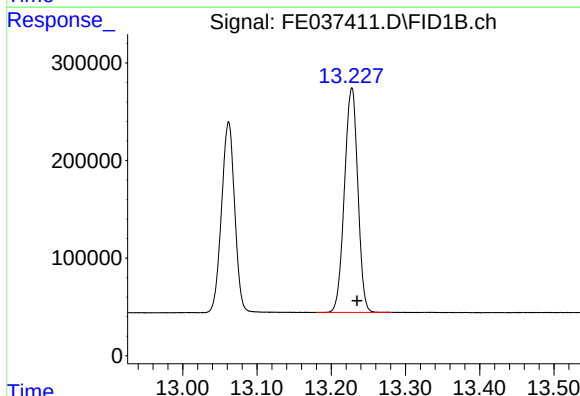
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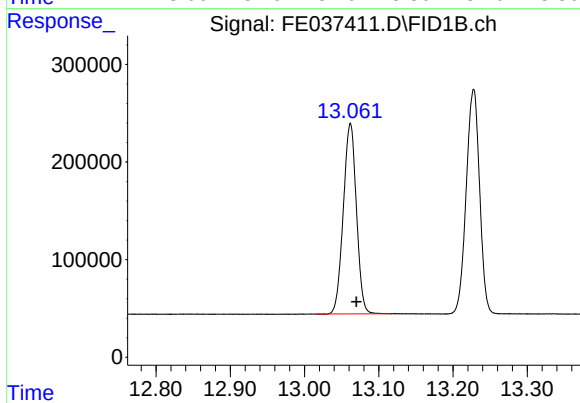
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.006 min
Response: 2927298
Conc: 18.50 ug/ml



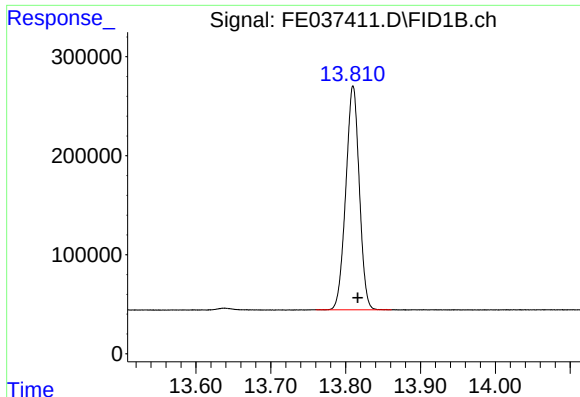
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.007 min
Response: 2883782
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 2398148
Conc: 18.63 ug/ml



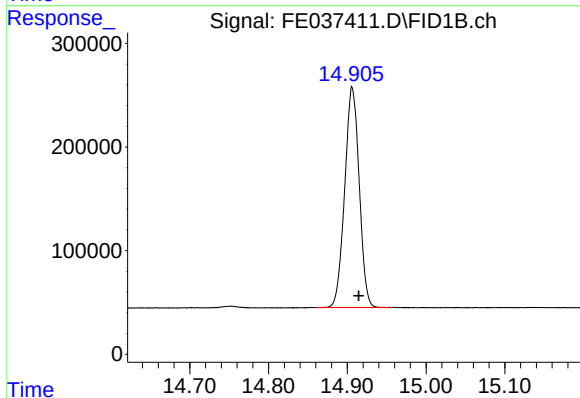
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.006 min
Response: 2833934
Conc: 18.20 ug/ml

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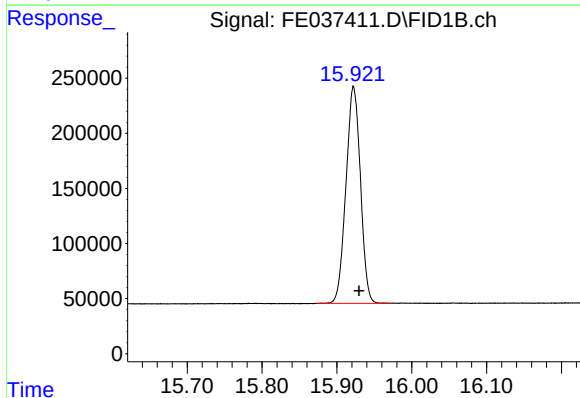
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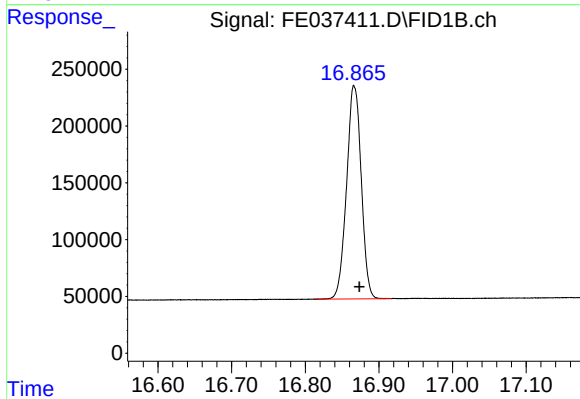
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: -0.008 min
Response: 2724714
Conc: 18.12 ug/ml



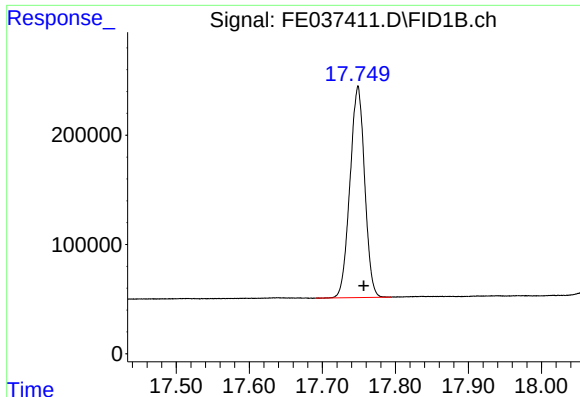
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: -0.007 min
Response: 2646723
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.007 min
Response: 2597315
Conc: 18.75 ug/ml



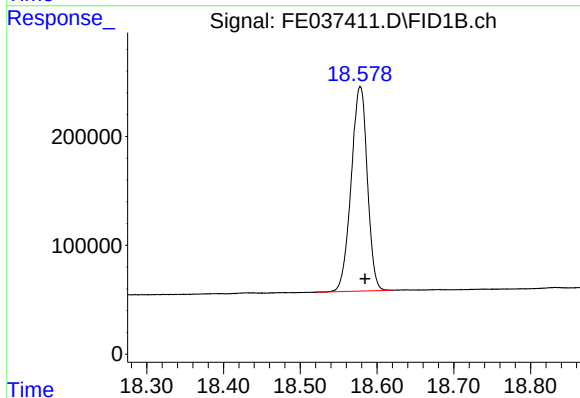
#17 n-Tricontane (C30)

R.T.: 17.749 min
Delta R.T.: -0.008 min
Response: 2703528
Conc: 19.87 ug/ml

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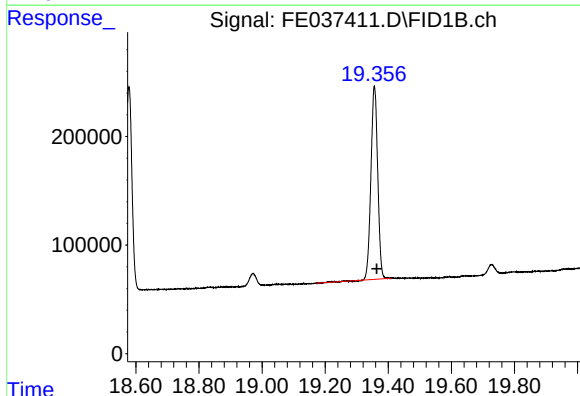
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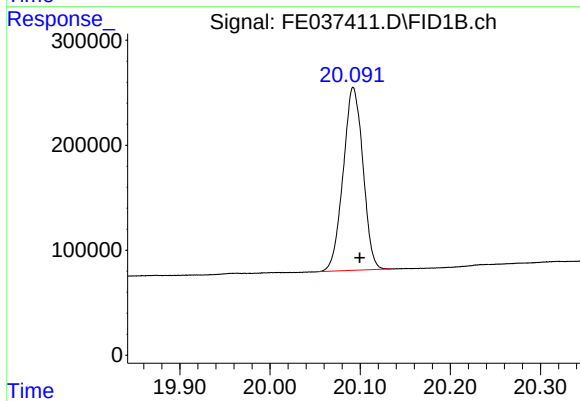
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.006 min
Response: 2749935
Conc: 20.59 ug/ml



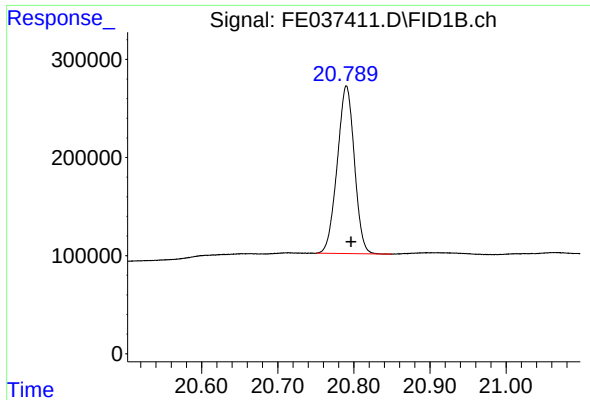
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: -0.007 min
Response: 2657082
Conc: 21.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.008 min
Response: 2653852
Conc: 20.63 ug/ml m



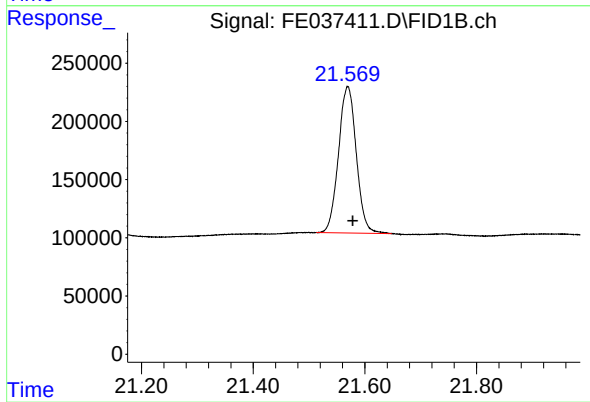
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: -0.006 min
Response: 2674772
Conc: 21.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.009 min
Response: 2786217
Conc: 21.61 ug/ml m