

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036866.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2022 13:44
 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 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:12:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.832	3271876	17.567 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
12) S 1-chlorooctadecane (S...	13.272	2565201	16.860 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
Target Compounds			
1) T n-Nonane (C9)	3.224	2959502	19.198 ug/ml
2) T n-Decane (C10)	4.478	2977754	19.318 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3242165	18.973 ug/ml
4) T n-Dodecane (C12)	6.647	3019391	19.225 ug/ml
5) T A~2-methylnaphthalene...	7.275	3206853	18.659 ug/ml
6) T n-Tetradecane (C14)	8.473	3043378	18.642 ug/ml
7) T n-Hexadecane (C16)	10.079	3009225	18.257 ug/ml
8) T n-Octadecane (C18)	11.520	3022514	17.785 ug/ml
10) T n-Eicosane (C20)	12.829	2940785	17.288 ug/ml
11) T n-Heneicosane (C21)	13.441	2904681	16.971 ug/ml
13) T n-Docosane (C22)	14.026	2865937	16.786 ug/ml
14) T n-Tetracosane (C24)	15.130	2820599	16.547 ug/ml
15) T n-Hexacosane (C26)	16.150	2688781	16.082 ug/ml
16) T n-Octacosane (C28)	17.100	2648681	16.217 ug/ml
17) T n-Tricontane (C30)	17.987	2558028	16.834 ug/ml
18) T n-Dotriacontane (C32)	18.821	2110606	17.549 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1559219	18.723 ug/ml
20) T n-Hexatriacontane (C36)	20.344	1182111	20.132 ug/mlm
21) T n-Octatriacontane (C38)	21.070	1026774	20.479 ug/ml
22) T n-Tetracontane (C40)	21.951	993245	19.233 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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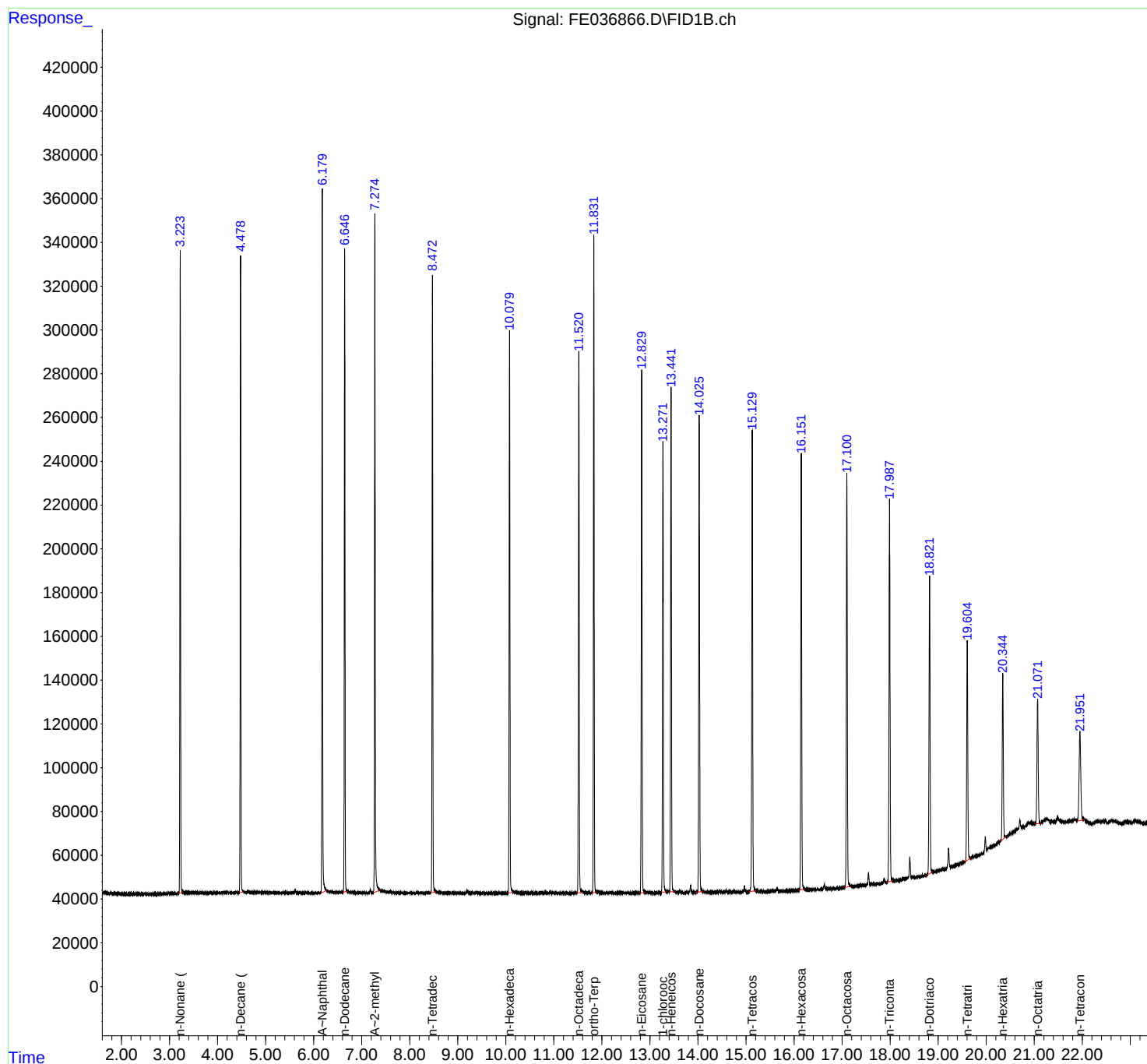
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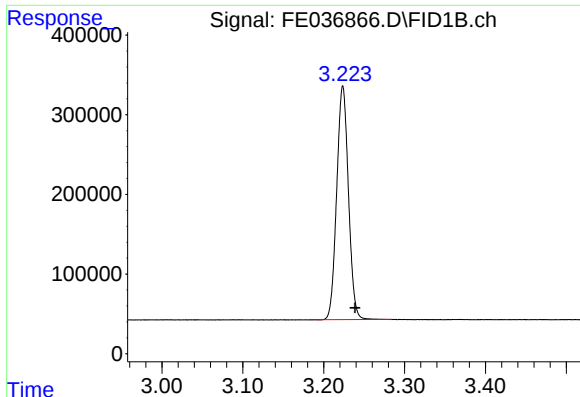
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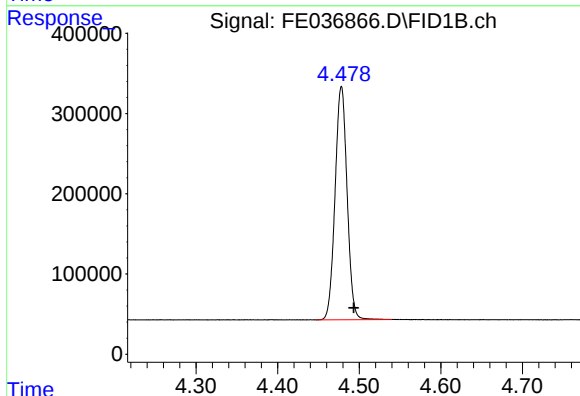
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 2959502
Conc: 19.20 ug/ml

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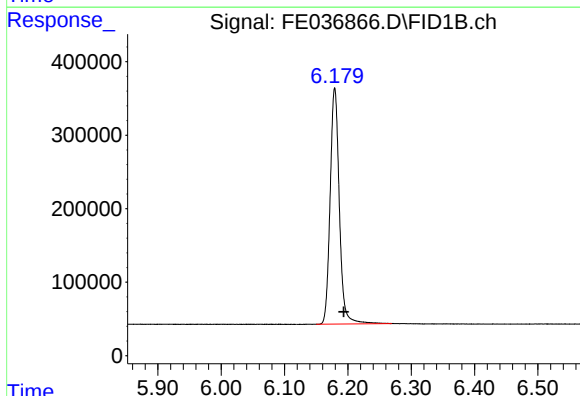
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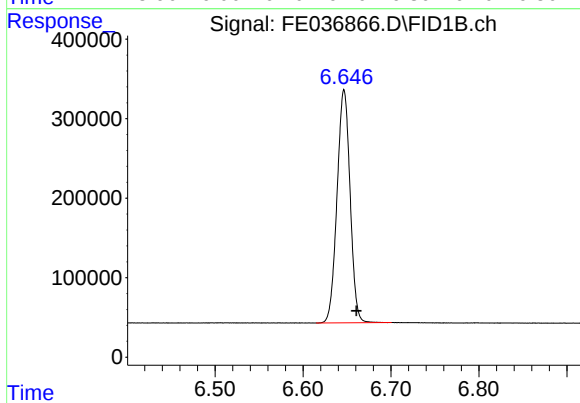
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.015 min
Response: 2977754
Conc: 19.32 ug/ml



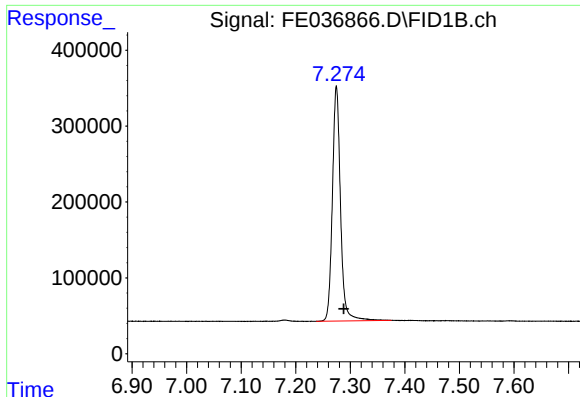
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3242165
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 3019391
Conc: 19.22 ug/ml



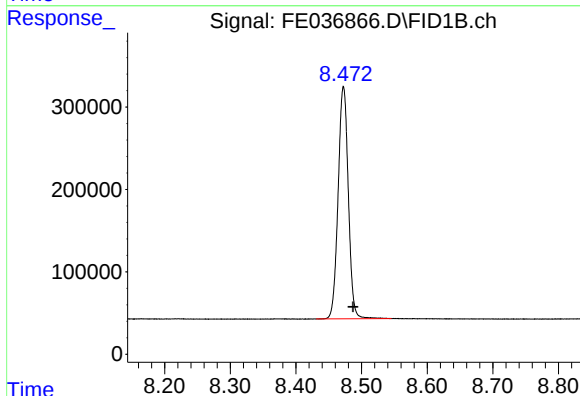
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.014 min
Response: 3206853
Conc: 18.66 ug/ml

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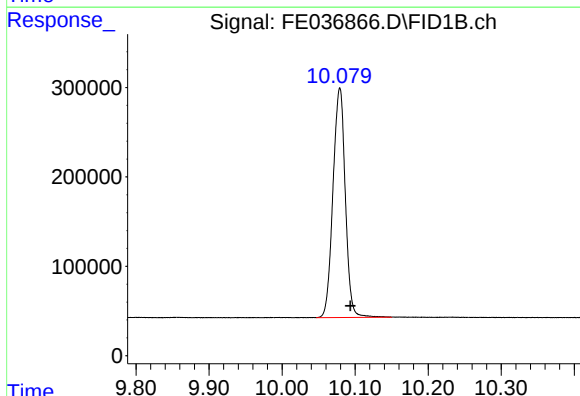
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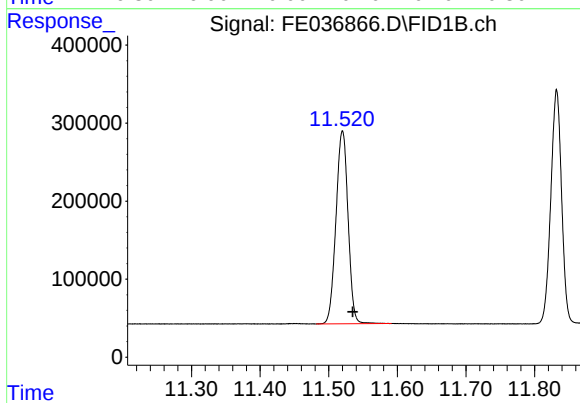
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.015 min
Response: 3043378
Conc: 18.64 ug/ml



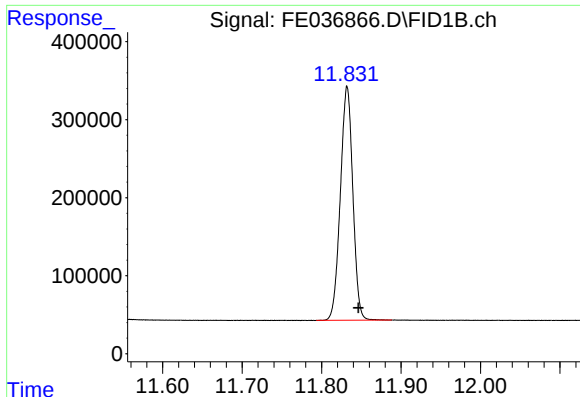
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.015 min
Response: 3009225
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 3022514
Conc: 17.78 ug/ml



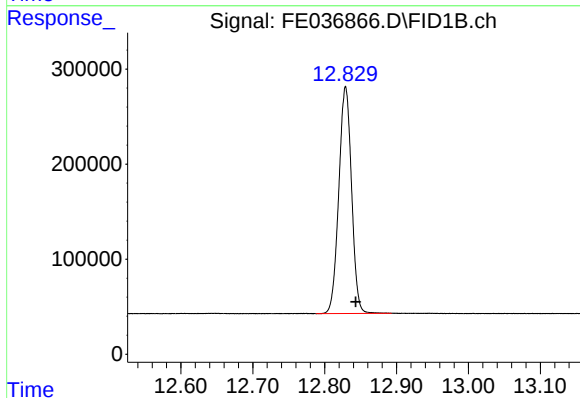
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.014 min
Response: 3271876
Conc: 17.57 ug/ml

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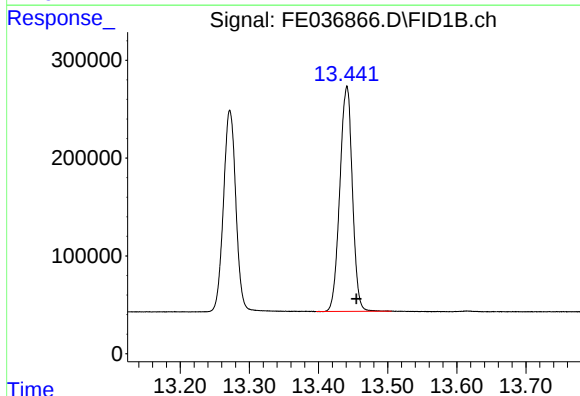
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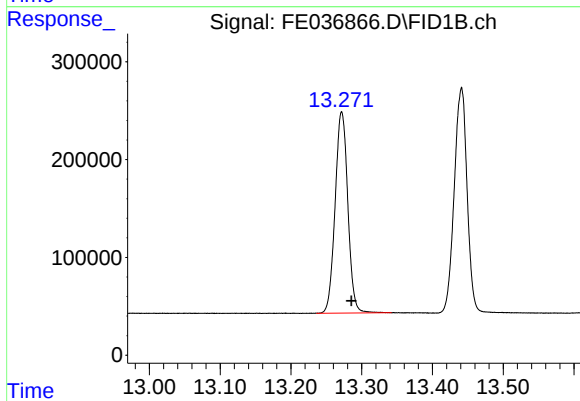
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 2940785
Conc: 17.29 ug/ml



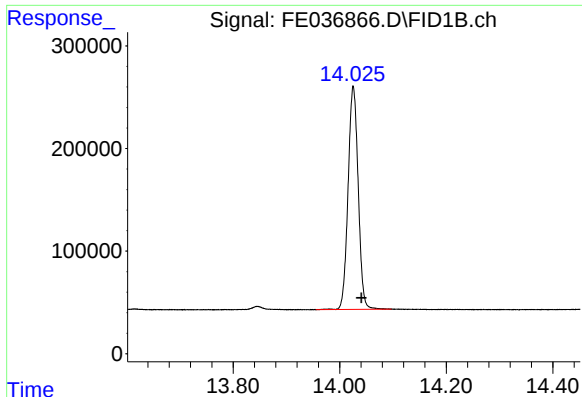
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2904681
Conc: 16.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.014 min
Response: 2565201
Conc: 16.86 ug/ml



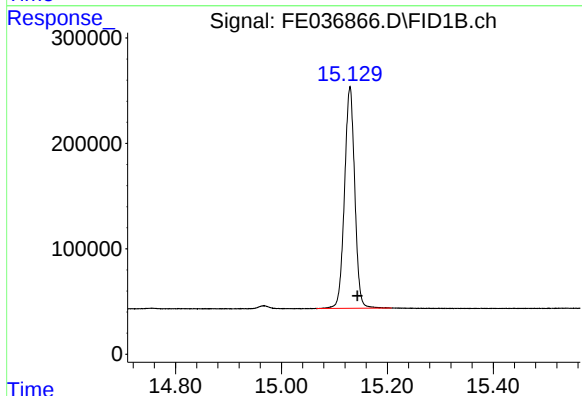
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.016 min
Response: 2865937
Conc: 16.79 ug/ml

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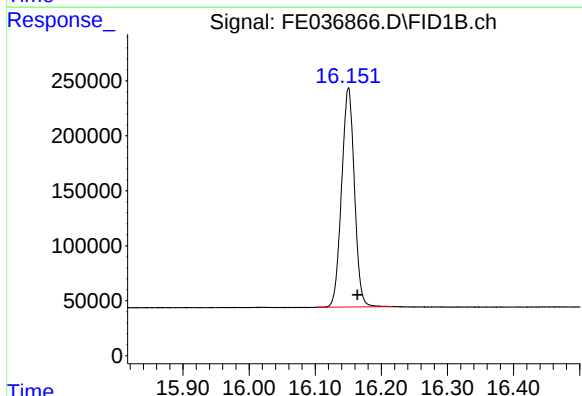
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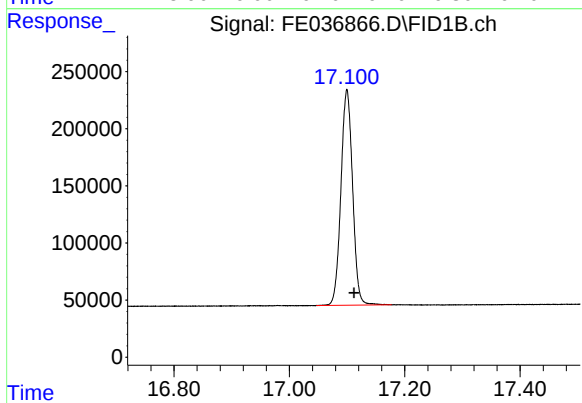
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 2820599
Conc: 16.55 ug/ml



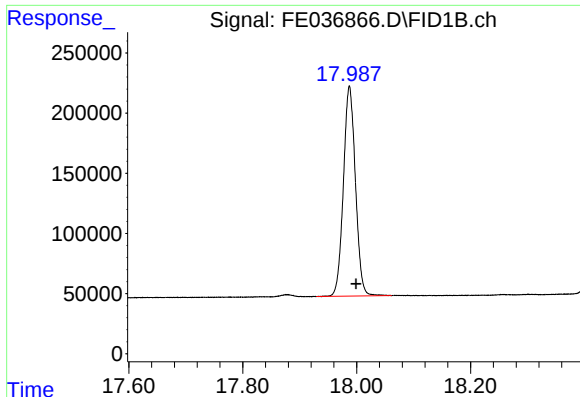
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 2688781
Conc: 16.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 2648681
Conc: 16.22 ug/ml



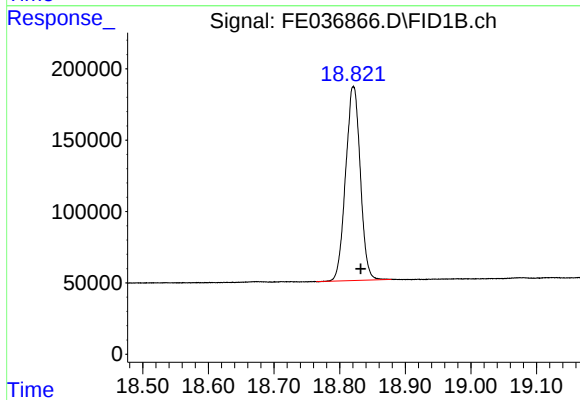
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.011 min
Response: 2558028
Conc: 16.83 ug/ml

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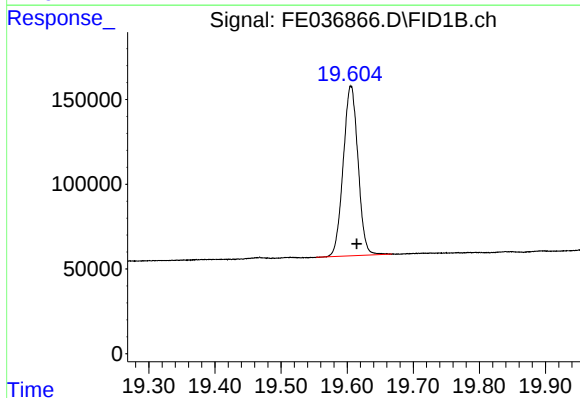
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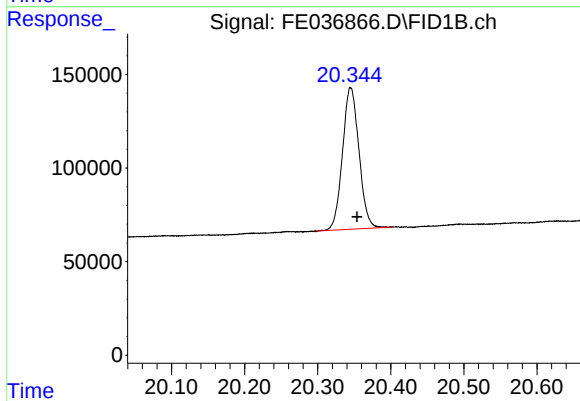
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.011 min
Response: 2110606
Conc: 17.55 ug/ml



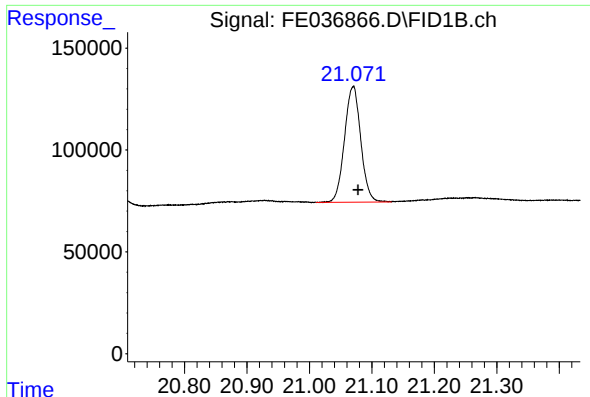
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.009 min
Response: 1559219
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.344 min
Delta R.T.: -0.010 min
Response: 1182111
Conc: 20.13 ug/ml m



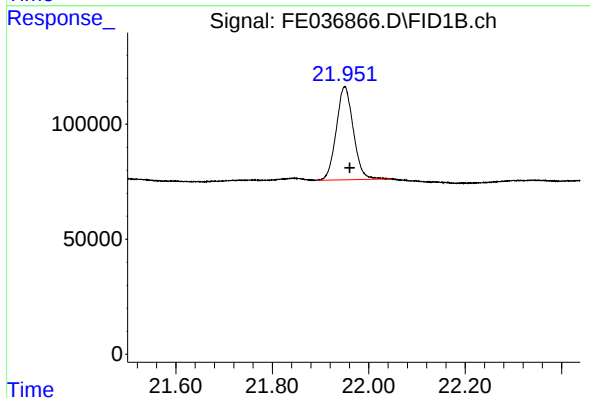
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.008 min
Response: 1026774
Conc: 20.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.010 min
Response: 993245
Conc: 19.23 ug/ml m