

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036858.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2022 09:19
 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 04:08:18 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)	11.833	3329264	17.875 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
12) S 1-chlorooctadecane (S...	13.273	2607749	17.140 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.225	3028508	19.646 ug/ml
2) T n-Decane (C10)	4.479	3044010	19.747 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3309865	19.369 ug/ml
4) T n-Dodecane (C12)	6.647	3090268	19.676 ug/ml
5) T A~2-methylnaphthalene...	7.275	3276090	19.062 ug/ml
6) T n-Tetradecane (C14)	8.473	3105089	19.020 ug/ml
7) T n-Hexadecane (C16)	10.078	3074679	18.654 ug/ml
8) T n-Octadecane (C18)	11.521	3068652	18.056 ug/ml
10) T n-Eicosane (C20)	12.829	2984658	17.546 ug/ml
11) T n-Heneicosane (C21)	13.441	2954214	17.261 ug/ml
13) T n-Docosane (C22)	14.027	2919369	17.099 ug/ml
14) T n-Tetracosane (C24)	15.130	2867763	16.823 ug/ml
15) T n-Hexacosane (C26)	16.150	2736267	16.366 ug/ml
16) T n-Octacosane (C28)	17.102	2687883	16.457 ug/ml
17) T n-Tricontane (C30)	17.990	2589955	17.044 ug/ml
18) T n-Dotriacontane (C32)	18.824	2143342	17.821 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1570764	18.862 ug/mlm
20) T n-Hexatriacontane (C36)	20.346	1178077	20.064 ug/mlm
21) T n-Octatriacontane (C38)	21.070	1076675	21.474 ug/ml
22) T n-Tetracontane (C40)	21.952	1010130	19.560 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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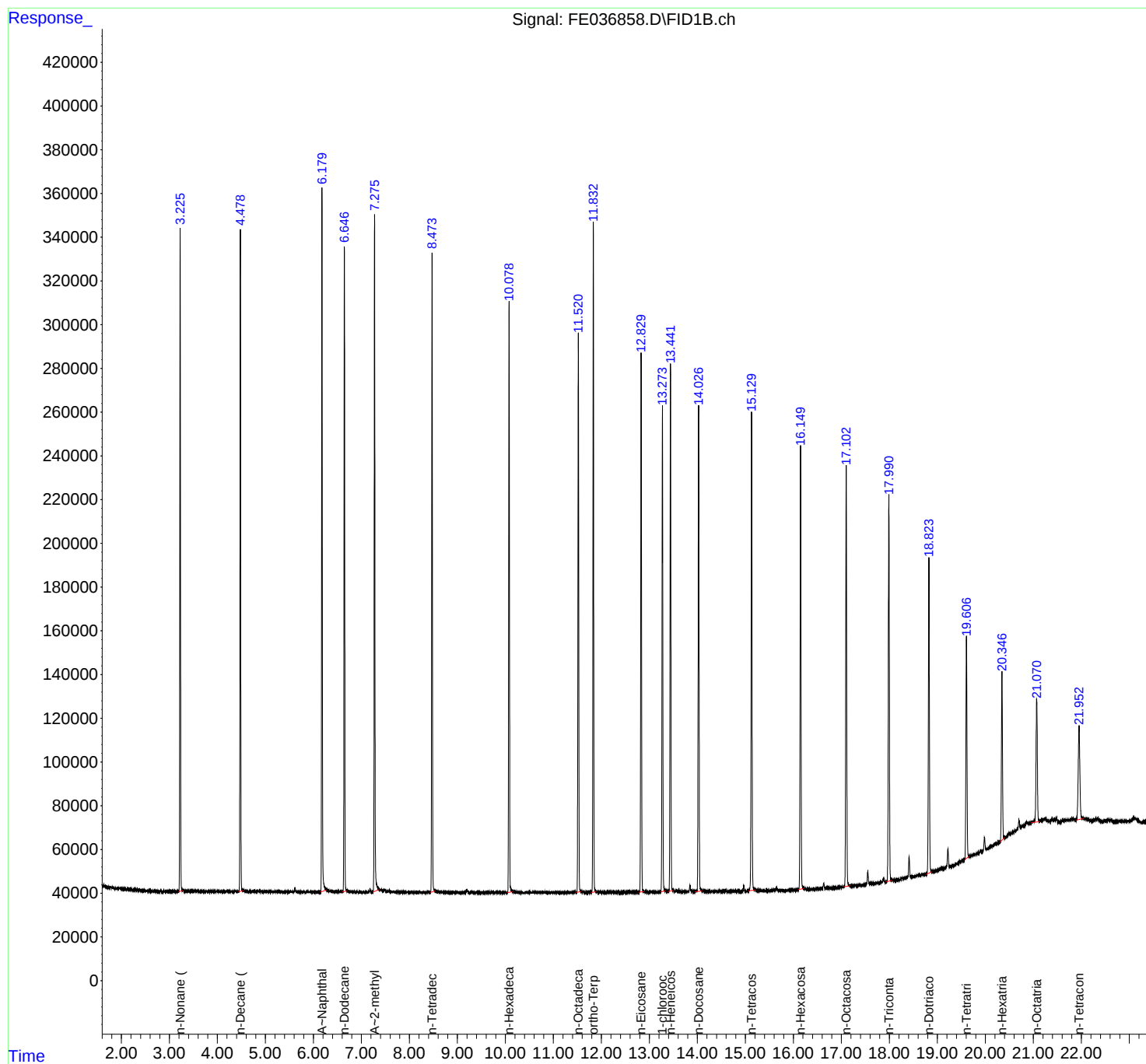
Instrument :
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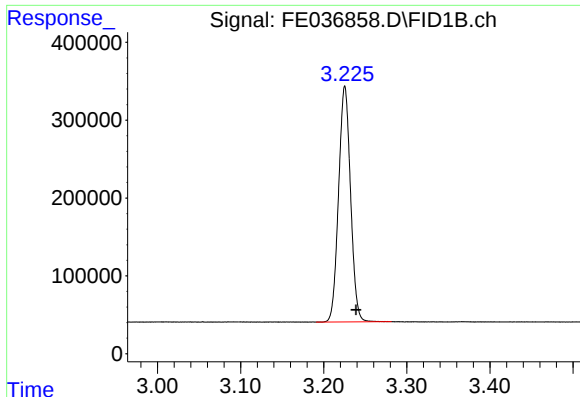
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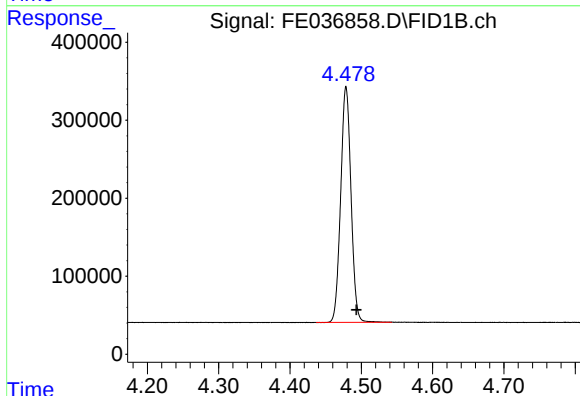
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 3028508
Conc: 19.65 ug/ml

Instrument :
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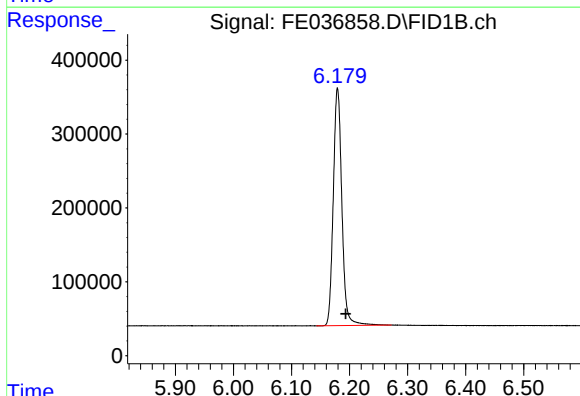
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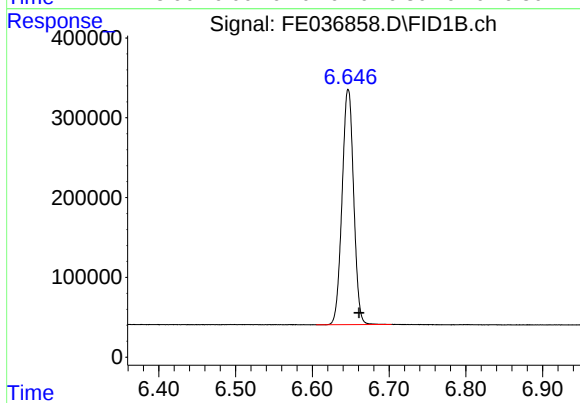
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.015 min
Response: 3044010
Conc: 19.75 ug/ml



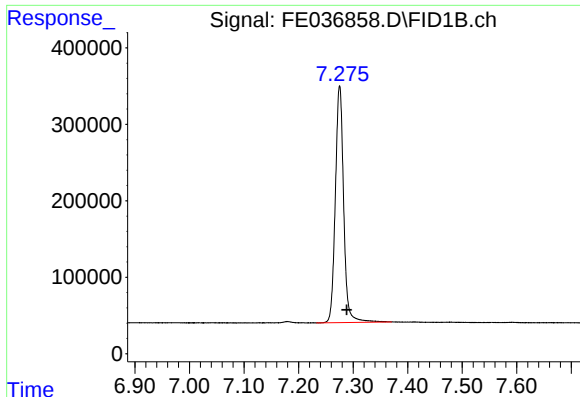
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3309865
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 3090268
Conc: 19.68 ug/ml



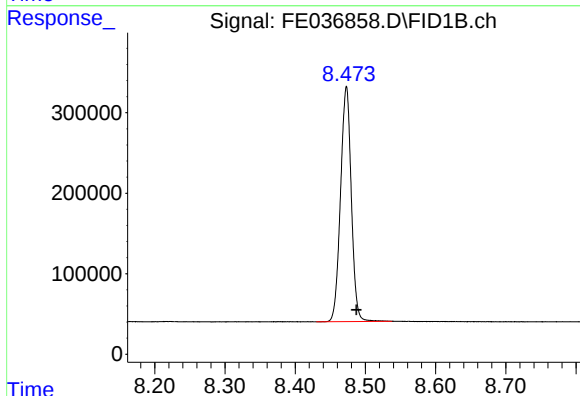
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3276090
Conc: 19.06 ug/ml

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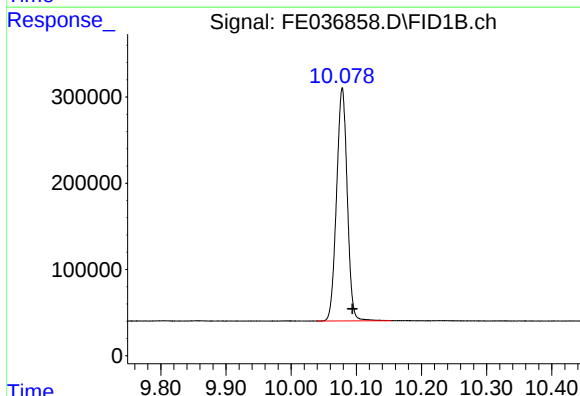
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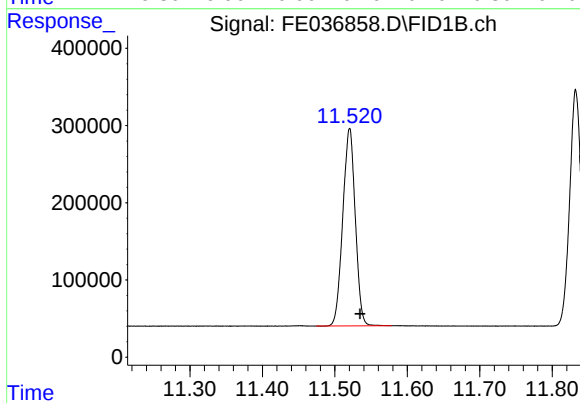
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 3105089
Conc: 19.02 ug/ml



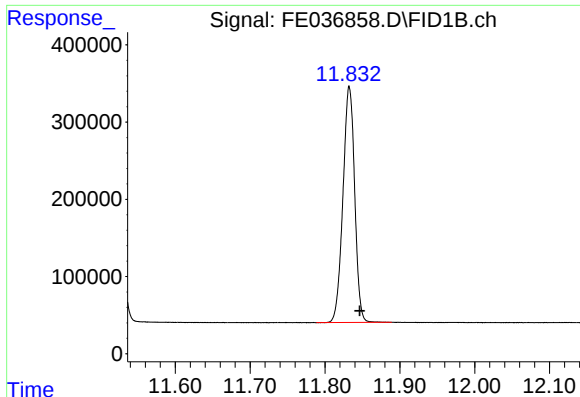
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.015 min
Response: 3074679
Conc: 18.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3068652
Conc: 18.06 ug/ml



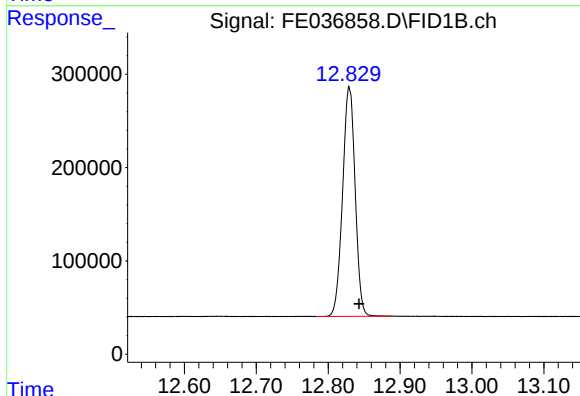
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3329264
Conc: 17.88 ug/ml

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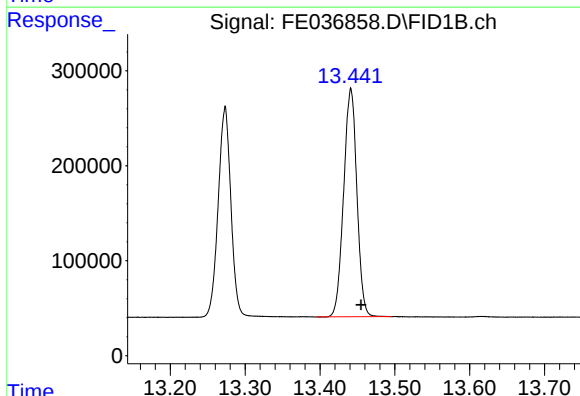
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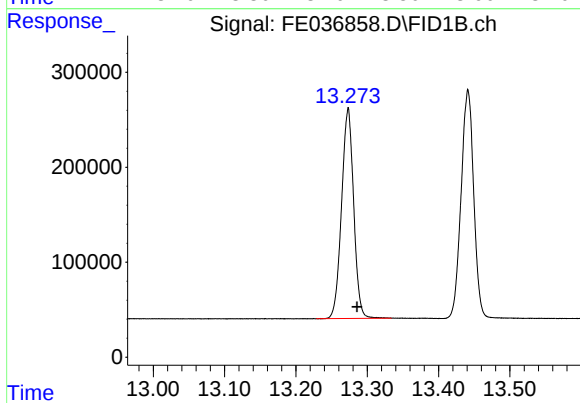
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 2984658
Conc: 17.55 ug/ml



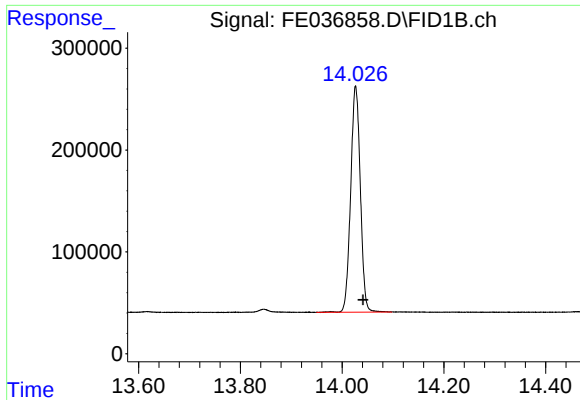
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2954214
Conc: 17.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 2607749
Conc: 17.14 ug/ml



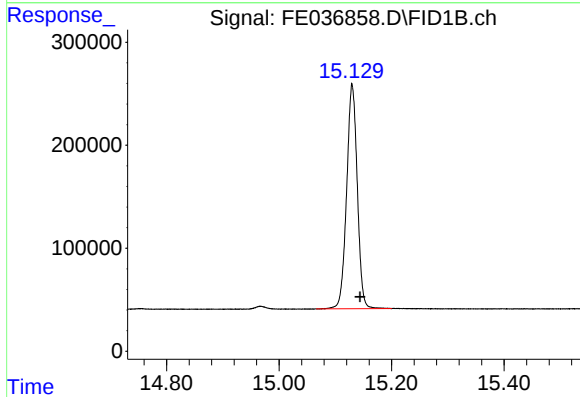
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.015 min
Response: 2919369
Conc: 17.10 ug/ml

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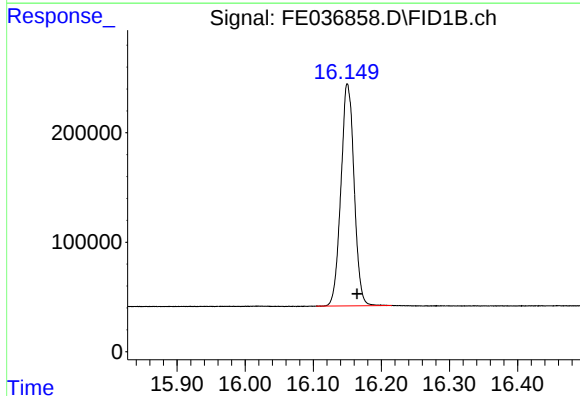
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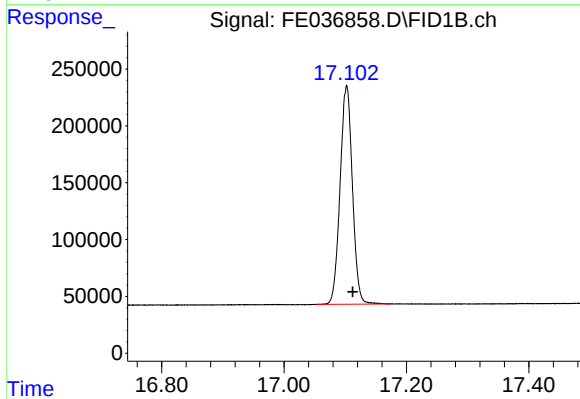
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 2867763
Conc: 16.82 ug/ml



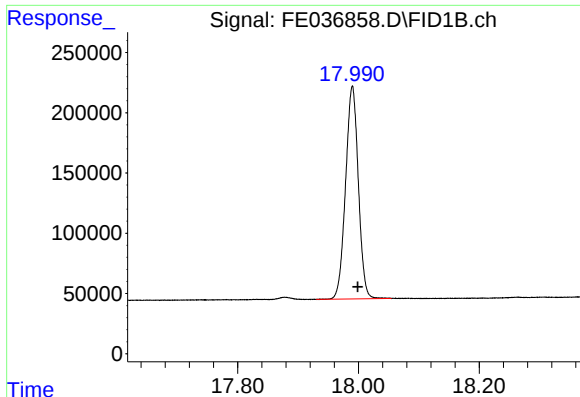
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 2736267
Conc: 16.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.010 min
Response: 2687883
Conc: 16.46 ug/ml



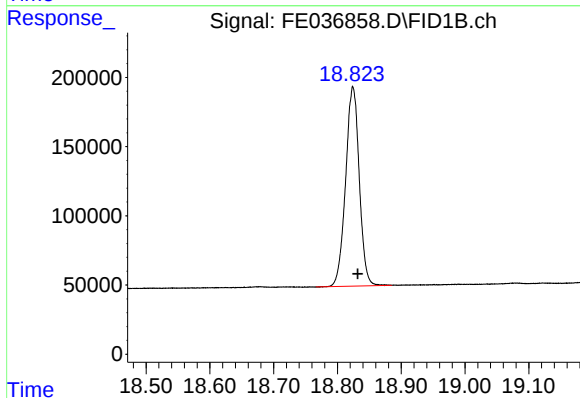
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2589955
Conc: 17.04 ug/ml

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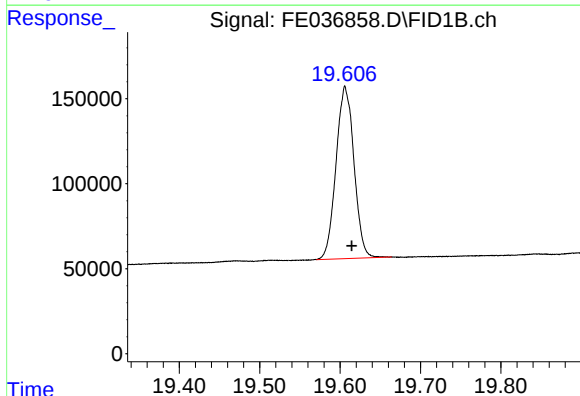
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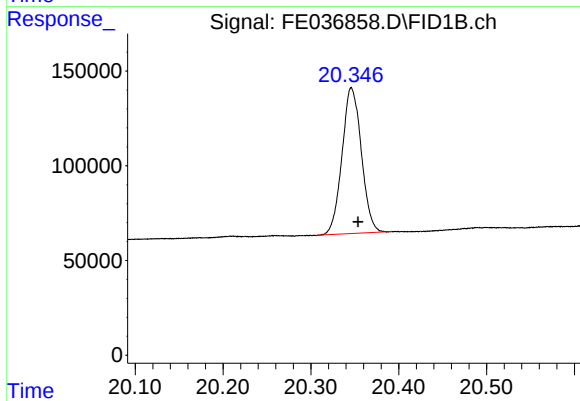
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.007 min
Response: 2143342
Conc: 17.82 ug/ml



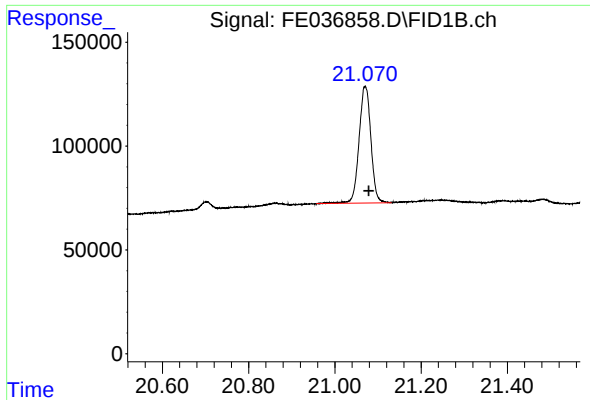
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.009 min
Response: 1570764
Conc: 18.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.008 min
Response: 1178077
Conc: 20.06 ug/ml m



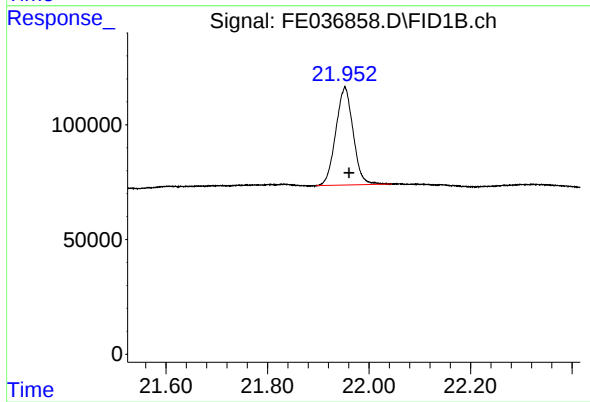
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.008 min
Response: 1076675
Conc: 21.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.008 min
Response: 1010130
Conc: 19.56 ug/ml m