

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036855.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 22:33
 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 08/04/2022
 Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e
 Quant Time: Aug 03 23:01:48 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	3290975	17.670 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	13.272	2581981	16.971 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
Target Compounds			
1) T n-Nonane (C9)	3.224	2946998	19.117 ug/ml
2) T n-Decane (C10)	4.478	2964645	19.232 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3248888	19.012 ug/ml
4) T n-Dodecane (C12)	6.646	3017015	19.210 ug/ml
5) T A~2-methylnaphthalene...	7.275	3215548	18.709 ug/ml
6) T n-Tetradecane (C14)	8.472	3043878	18.645 ug/ml
7) T n-Hexadecane (C16)	10.079	3018492	18.313 ug/ml
8) T n-Octadecane (C18)	11.520	3038246	17.877 ug/ml
10) T n-Eicosane (C20)	12.829	2951646	17.352 ug/ml
11) T n-Heneicosane (C21)	13.440	2930338	17.121 ug/ml
13) T n-Docosane (C22)	14.026	2882488	16.883 ug/ml
14) T n-Tetracosane (C24)	15.129	2842929	16.678 ug/ml
15) T n-Hexacosane (C26)	16.150	2698856	16.143 ug/ml
16) T n-Octacosane (C28)	17.100	2635588	16.137 ug/ml
17) T n-Tricontane (C30)	17.990	2524396	16.612 ug/ml
18) T n-Dotriacontane (C32)	18.823	2096401	17.431 ug/ml
19) T n-Tetratriacontane (C34)	19.605	1540627	18.500 ug/mlm
20) T n-Hexatriacontane (C36)	20.345	1179588	20.089 ug/ml
21) T n-Octatriacontane (C38)	21.069	1003991	20.025 ug/ml
22) T n-Tetracontane (C40)	21.950	1052872	20.388 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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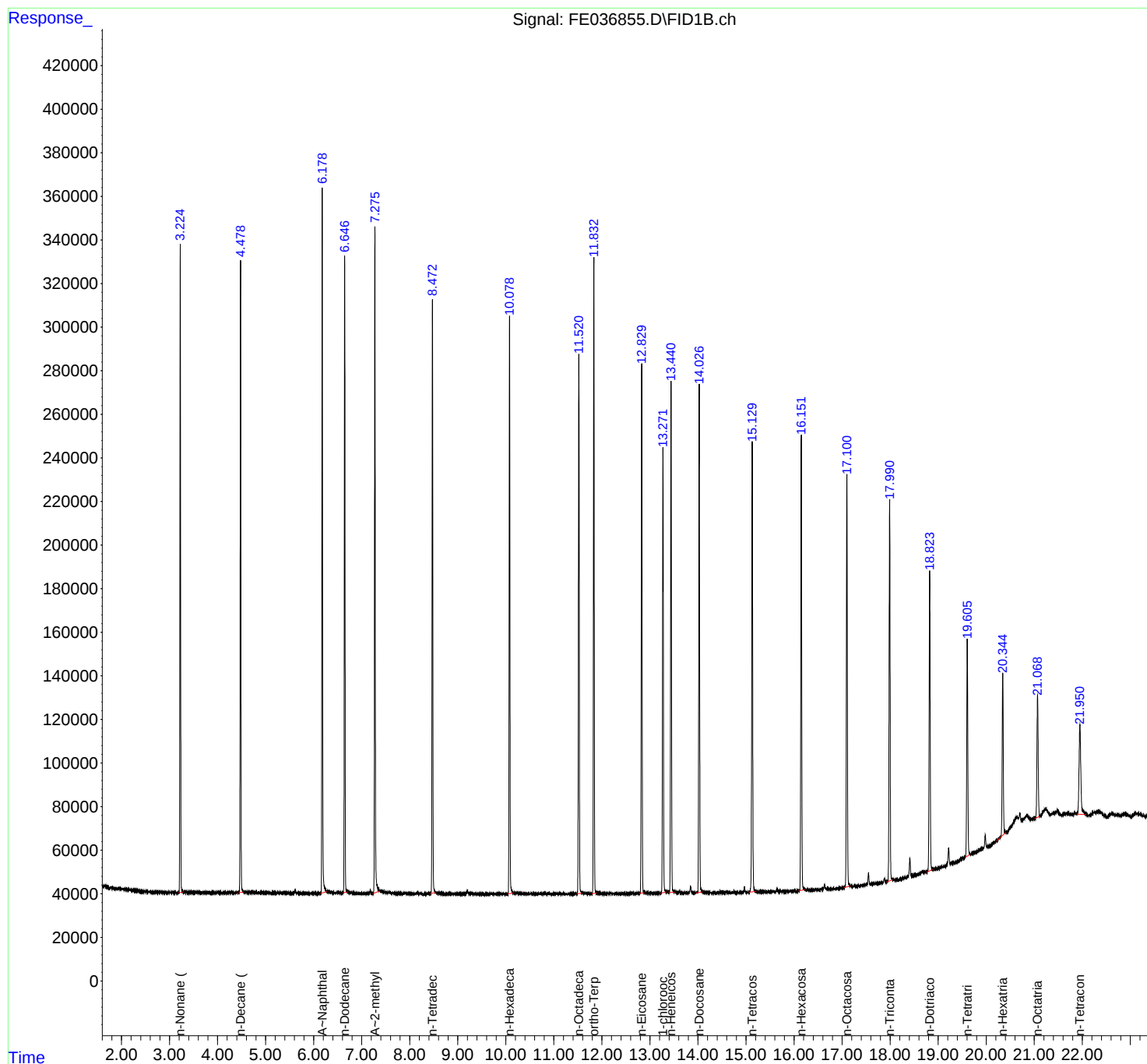
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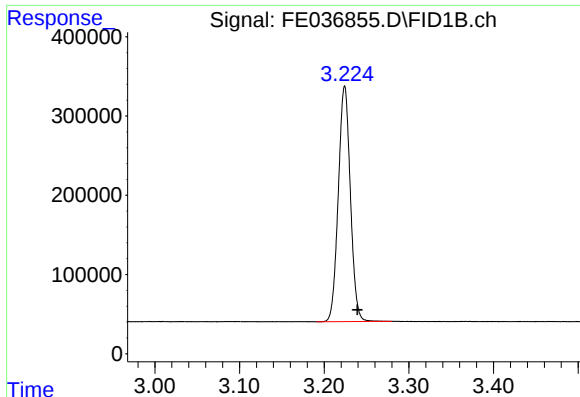
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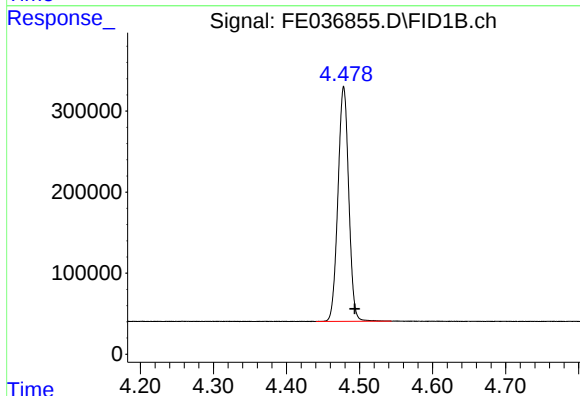
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 2946998
Conc: 19.12 ug/ml

Instrument :
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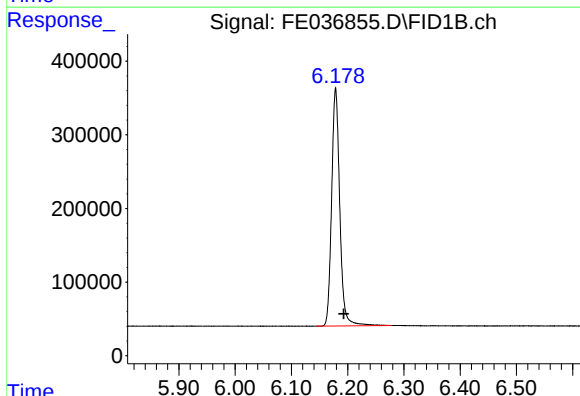
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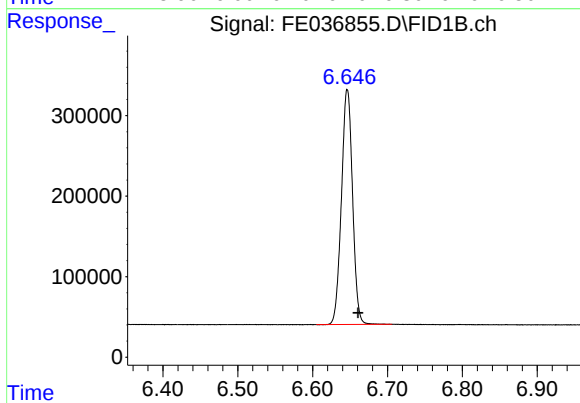
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.015 min
Response: 2964645
Conc: 19.23 ug/ml



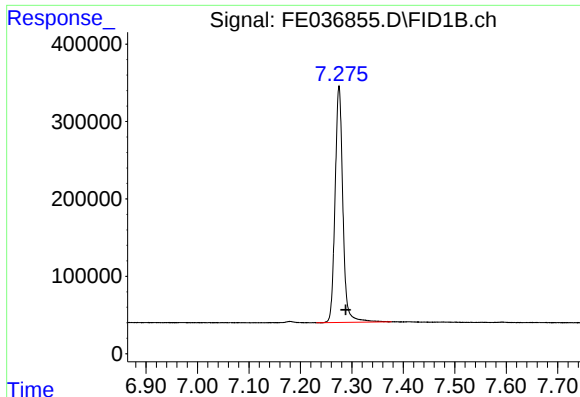
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.015 min
Response: 3248888
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.014 min
Response: 3017015
Conc: 19.21 ug/ml



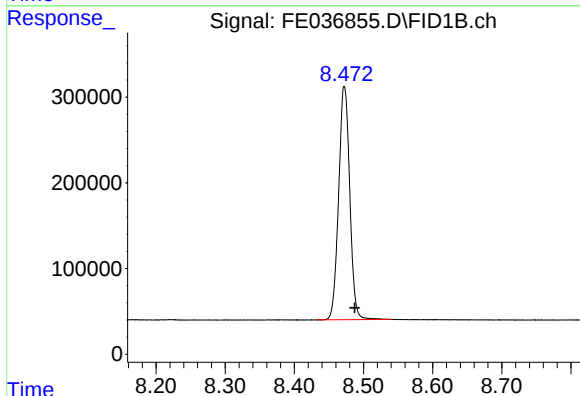
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3215548
Conc: 18.71 ug/ml

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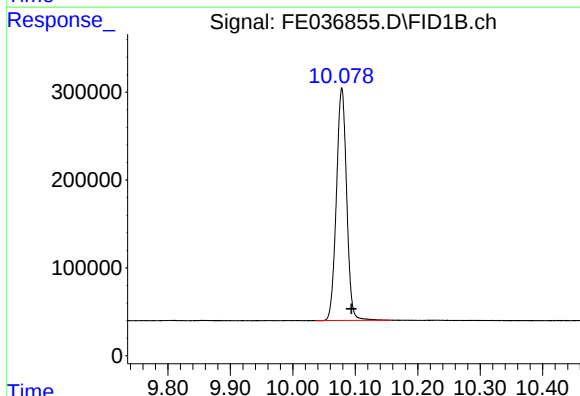
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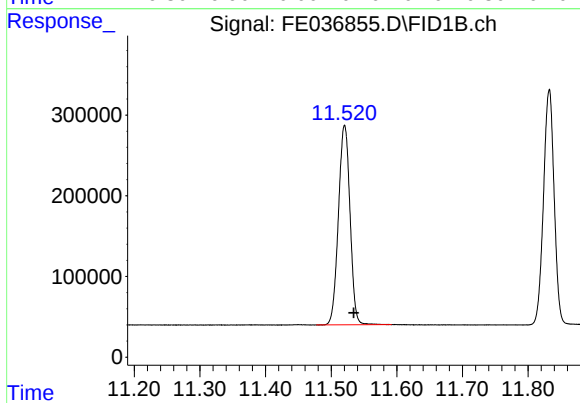
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 3043878
Conc: 18.64 ug/ml



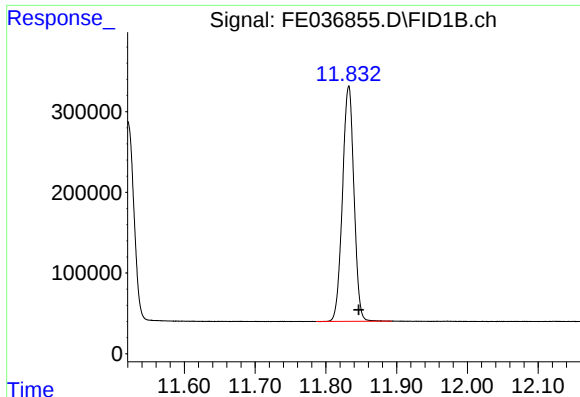
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.015 min
Response: 3018492
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.014 min
Response: 3038246
Conc: 17.88 ug/ml



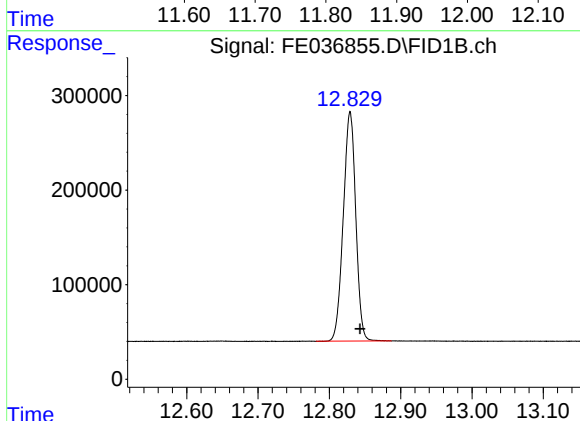
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.014 min
Response: 3290975
Conc: 17.67 ug/ml

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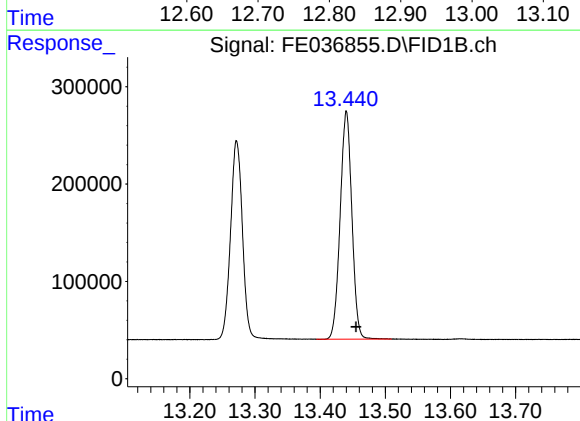
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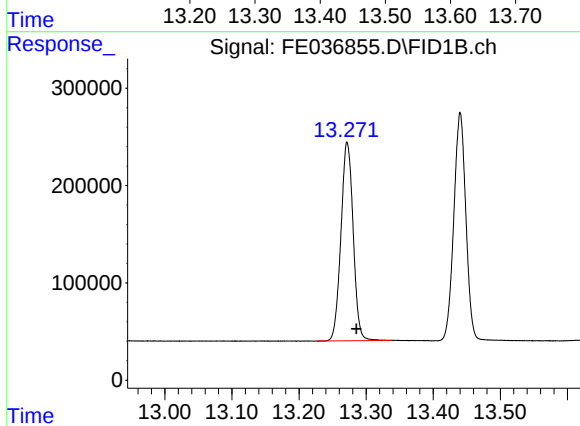
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 2951646
Conc: 17.35 ug/ml



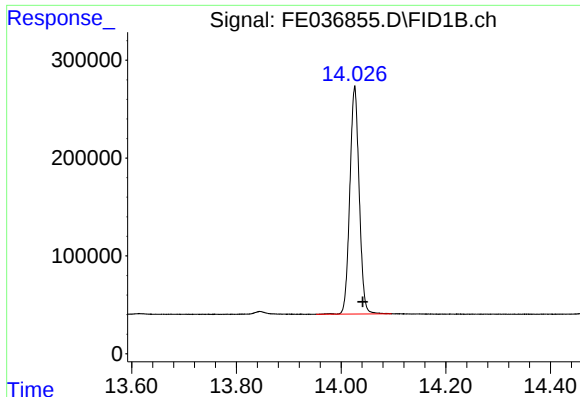
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.015 min
Response: 2930338
Conc: 17.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.014 min
Response: 2581981
Conc: 16.97 ug/ml



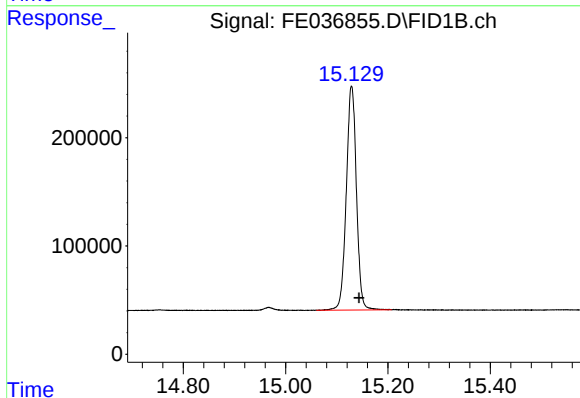
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.015 min
Response: 2882488
Conc: 16.88 ug/ml

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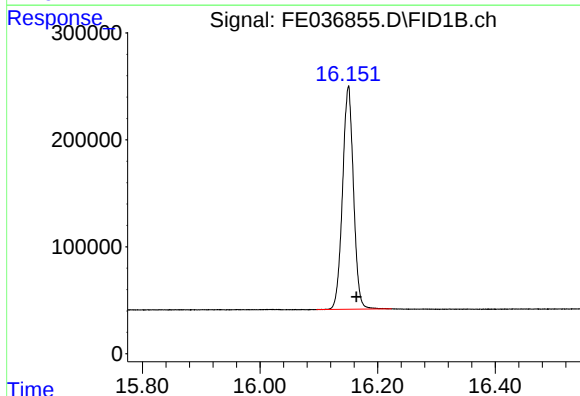
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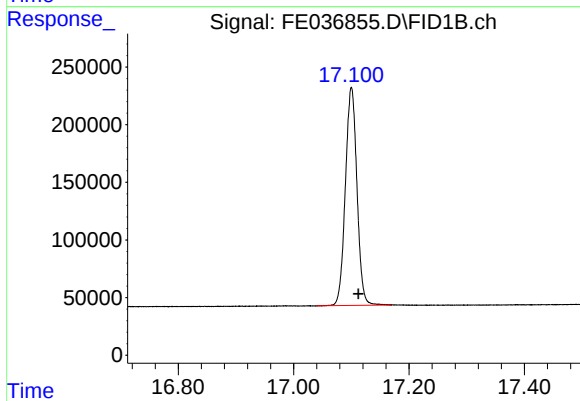
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.015 min
Response: 2842929
Conc: 16.68 ug/ml



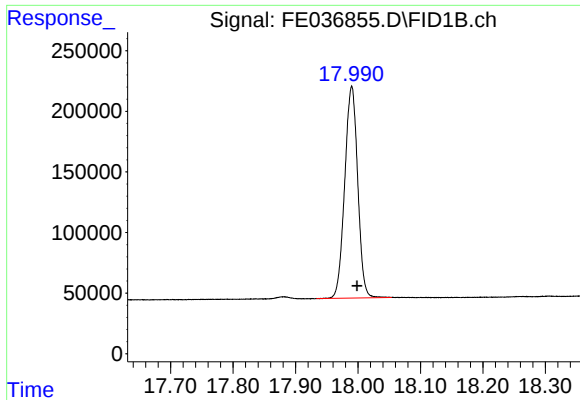
#15 n-Hexacosane (C26)

R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 2698856
Conc: 16.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 2635588
Conc: 16.14 ug/ml



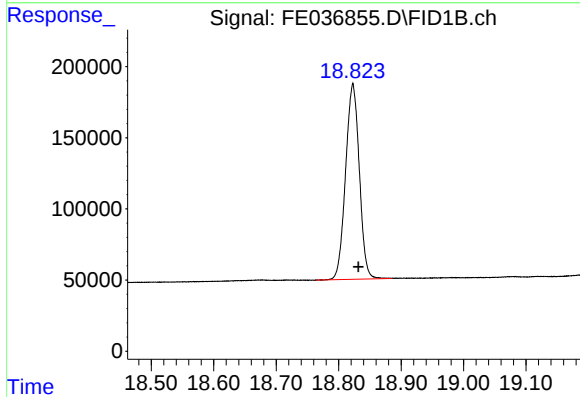
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2524396
Conc: 16.61 ug/ml

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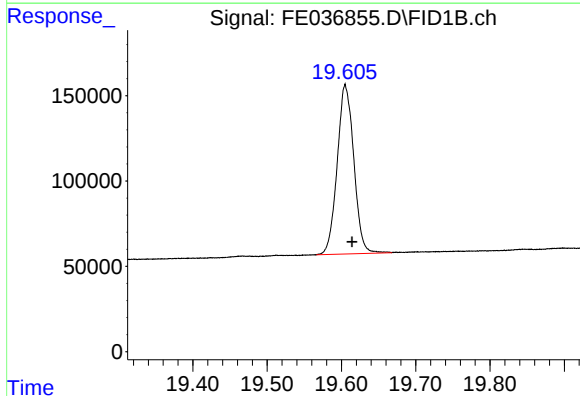
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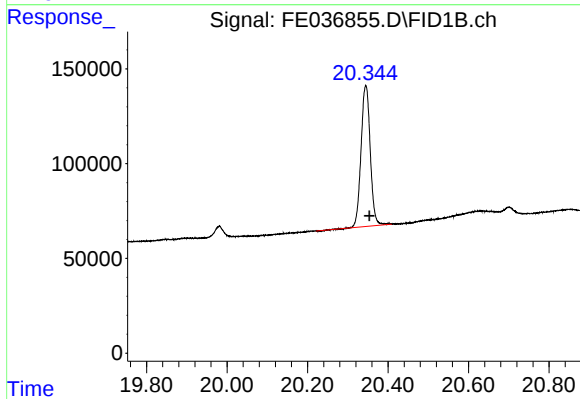
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 2096401
Conc: 17.43 ug/ml



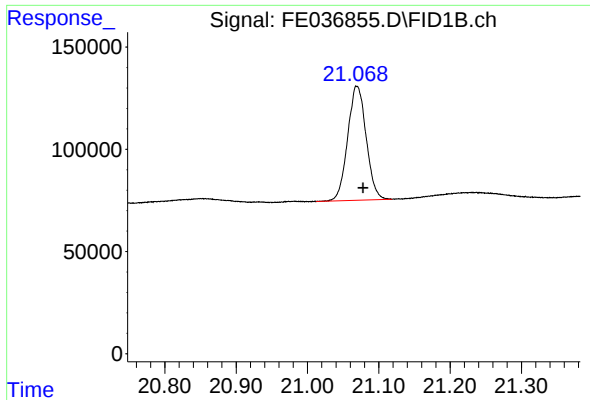
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: -0.010 min
Response: 1540627
Conc: 18.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.009 min
Response: 1179588
Conc: 20.09 ug/ml



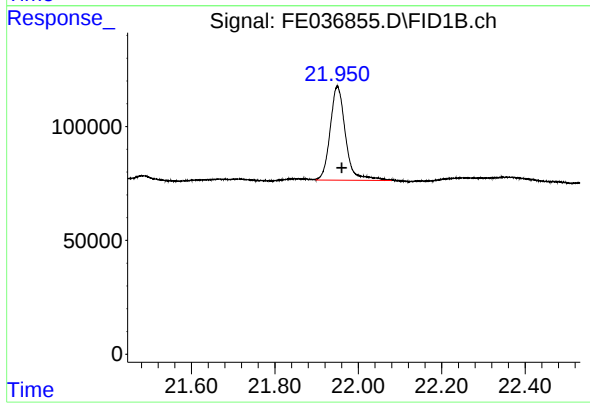
#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.009 min
Response: 1003991
Conc: 20.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.010 min
Response: 1052872
Conc: 20.39 ug/ml m