

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110322AL\
 Data File : FC062086.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2022 03:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 04:50:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.594	2514534	16.917 ug/ml
Spiked Amount 50.000		Recovery =	33.83%
12) S 1-chlorooctadecane (S...	13.030	1948217	16.723 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
Target Compounds			
1) T n-Nonane (C9)	3.353	2510801	17.850 ug/ml
2) T n-Decane (C10)	4.419	2587718	18.128 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2647845	17.154 ug/ml
4) T n-Dodecane (C12)	6.439	2591421	17.851 ug/ml
5) T A~2-methylnaphthalene...	7.064	2570237	16.943 ug/ml
6) T n-Tetradecane (C14)	8.235	2543531	17.498 ug/ml
7) T n-Hexadecane (C16)	9.837	2515694	17.275 ug/ml
8) T n-Octadecane (C18)	11.278	2470513	17.092 ug/ml
10) T n-Eicosane (C20)	12.586	2391483	16.944 ug/ml
11) T n-Heneicosane (C21)	13.197	2342352	16.881 ug/ml
13) T n-Docosane (C22)	13.781	2335492	17.036 ug/mlm
14) T n-Tetracosane (C24)	14.884	2269050	17.173 ug/ml
15) T n-Hexacosane (C26)	15.904	2277948	18.078 ug/ml
16) T n-Octacosane (C28)	16.851	2346140	19.453 ug/ml
17) T n-Tricontane (C30)	17.736	2623278	22.047 ug/ml
18) T n-Dotriacontane (C32)	18.568	2726322	23.139 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2508229	22.202 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2372885	20.923 ug/ml
21) T n-Octatriacontane (C38)	20.826	2191142	19.474 ug/ml
22) T n-Tetracontane (C40)	21.742	2083951	18.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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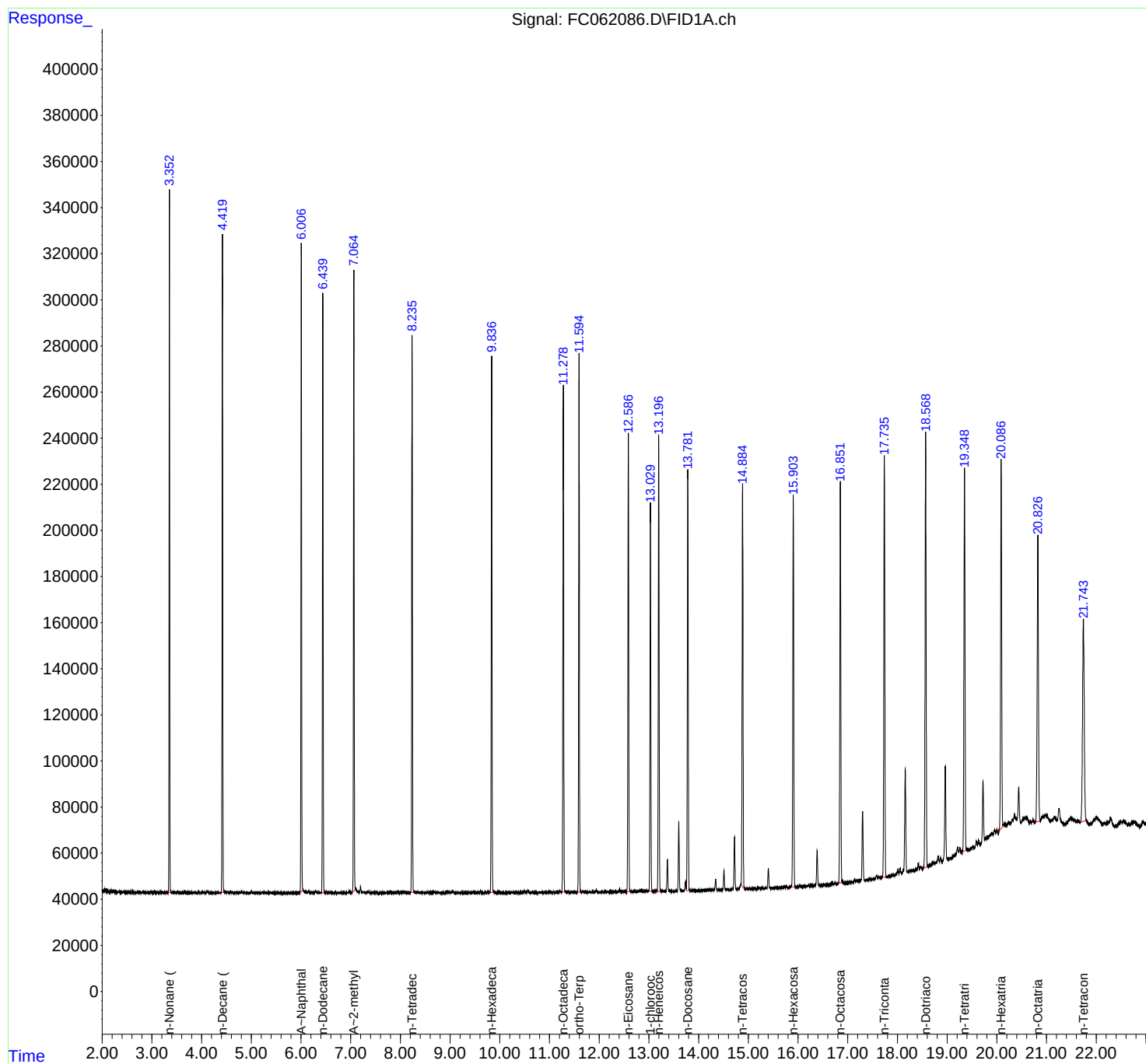
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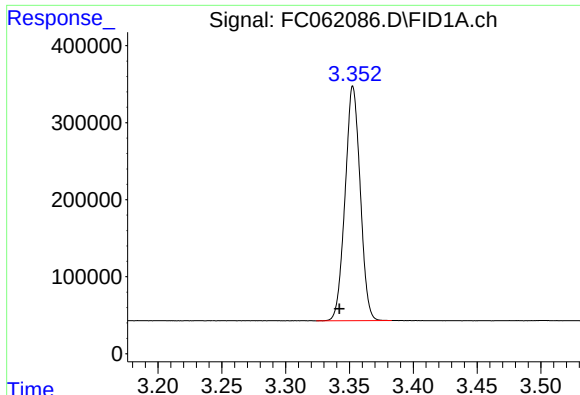
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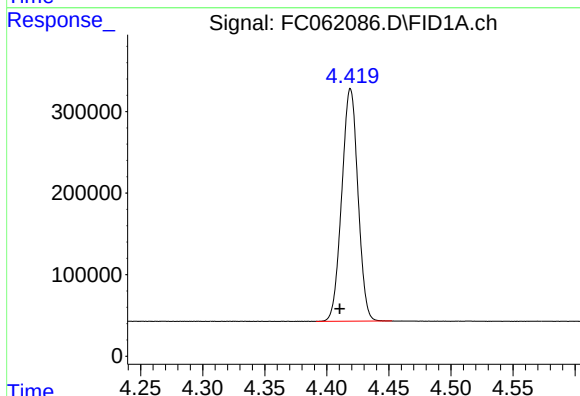
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.011 min
Response: 2510801
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :
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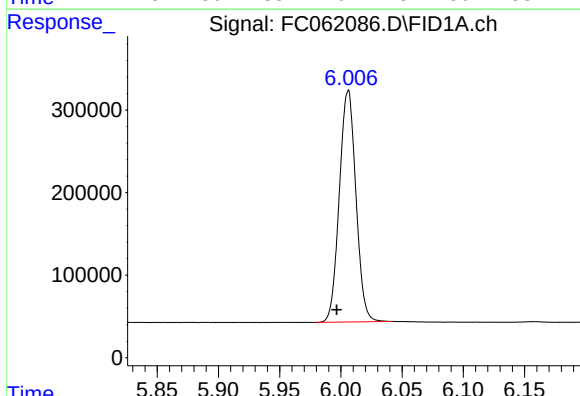
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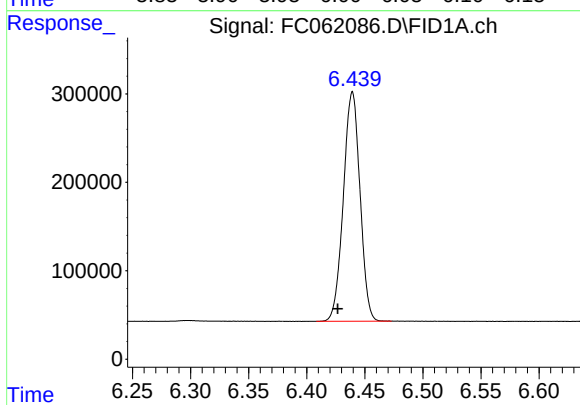
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 2587718
Conc: 18.13 ug/ml



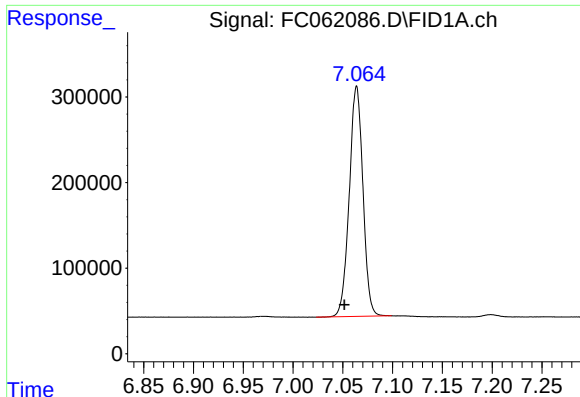
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.009 min
Response: 2647845
Conc: 17.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.439 min
Delta R.T.: 0.013 min
Response: 2591421
Conc: 17.85 ug/ml



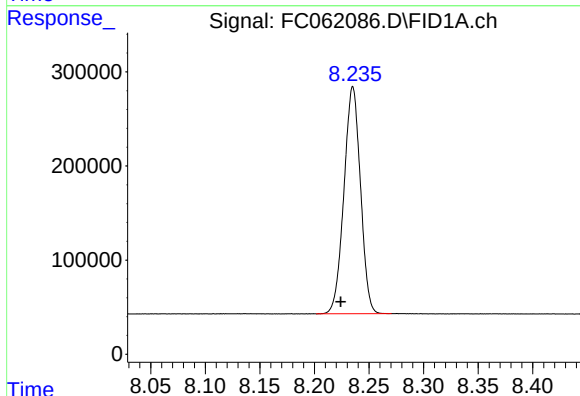
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.012 min
Response: 2570237
Conc: 16.94 ug/ml

Instrument :
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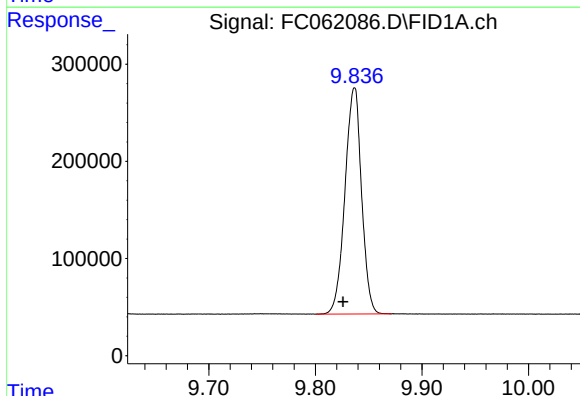
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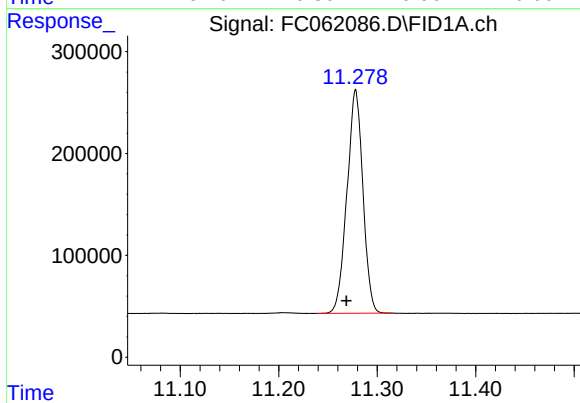
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 2543531
Conc: 17.50 ug/ml



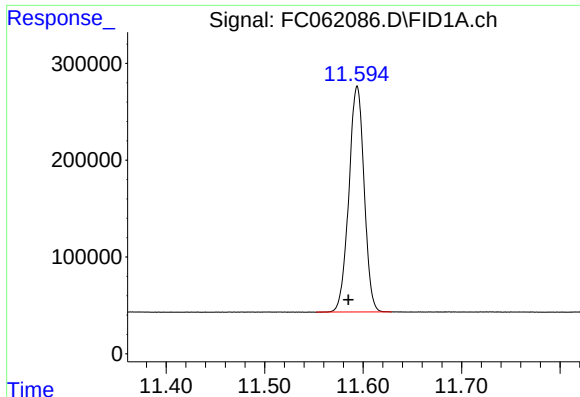
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.011 min
Response: 2515694
Conc: 17.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.009 min
Response: 2470513
Conc: 17.09 ug/ml



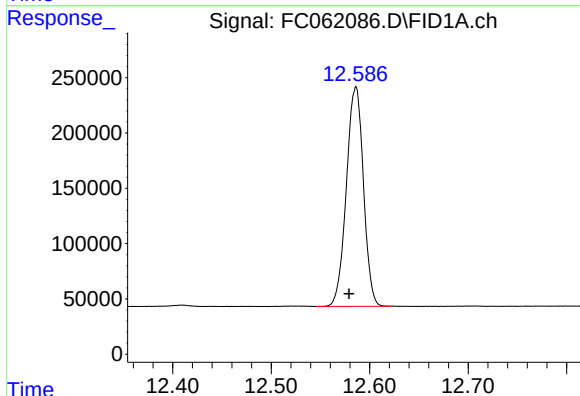
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: 0.009 min
Response: 2514534
Conc: 16.92 ug/ml

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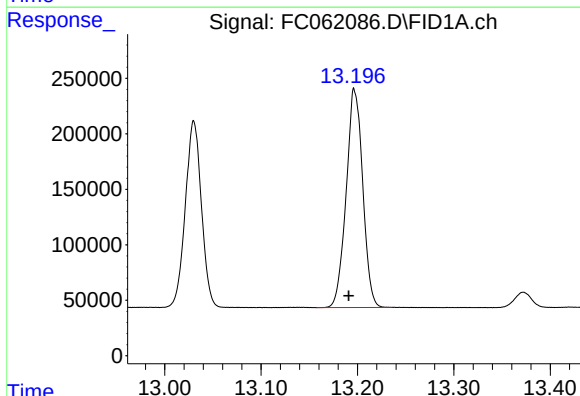
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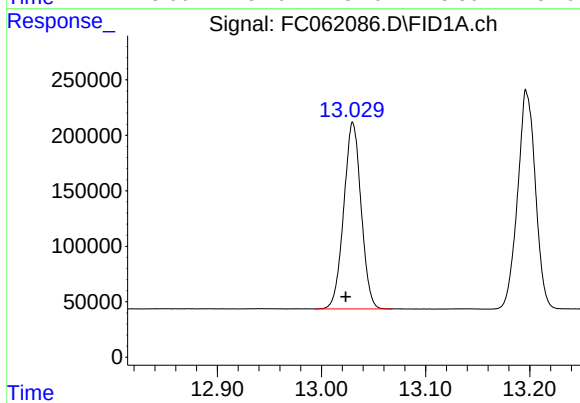
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.007 min
Response: 2391483
Conc: 16.94 ug/ml



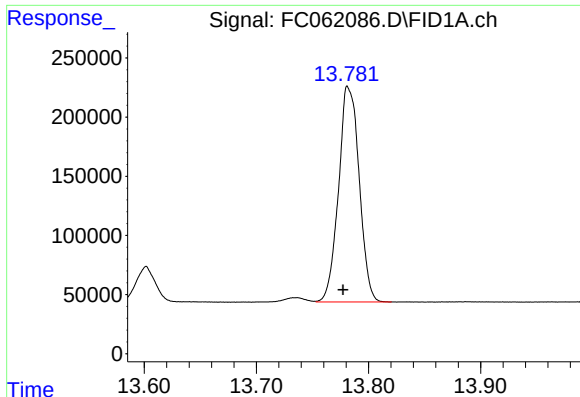
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.006 min
Response: 2342352
Conc: 16.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.007 min
Response: 1948217
Conc: 16.72 ug/ml



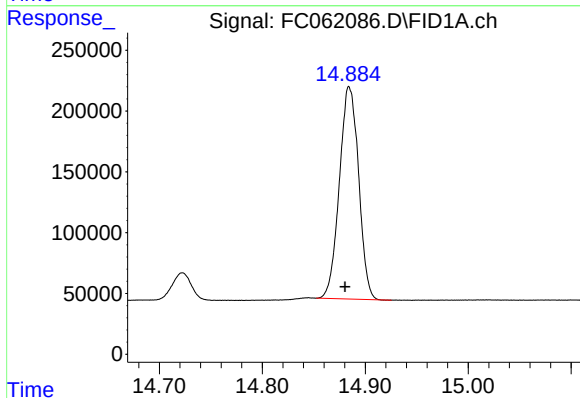
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.003 min
Response: 2335492
Conc: 17.04 ug/ml

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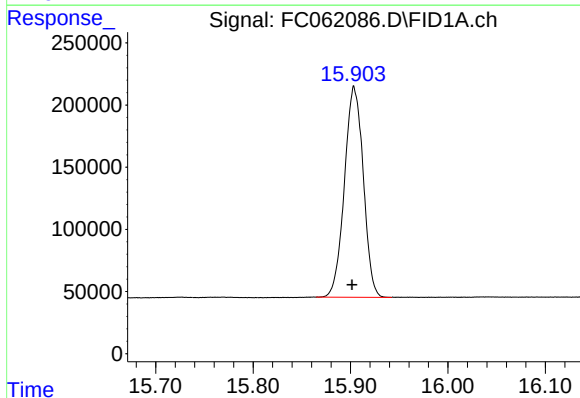
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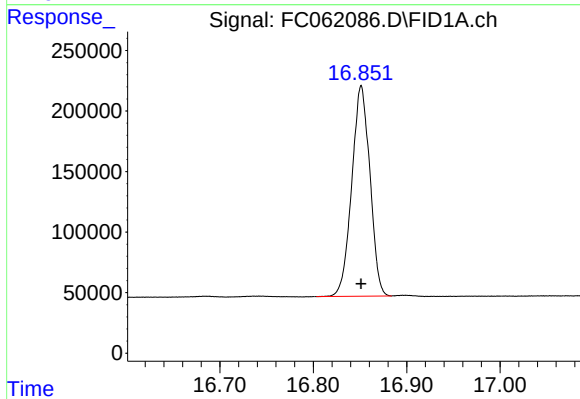
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.004 min
Response: 2269050
Conc: 17.17 ug/ml



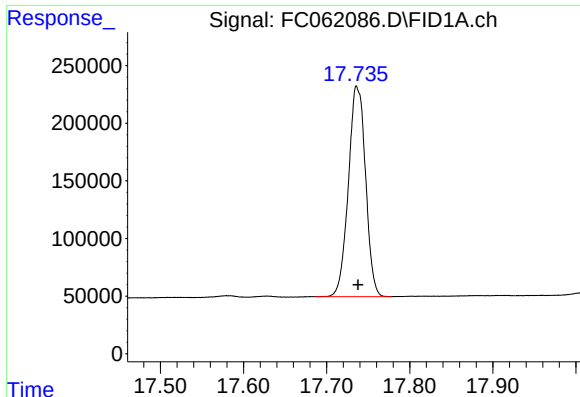
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.002 min
Response: 2277948
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: 0.000 min
Response: 2346140
Conc: 19.45 ug/ml



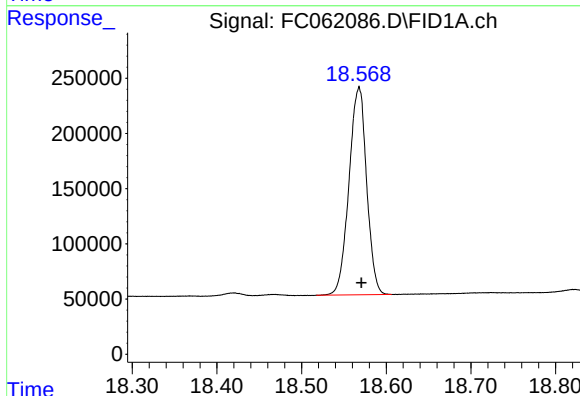
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 2623278
Conc: 22.05 ug/ml

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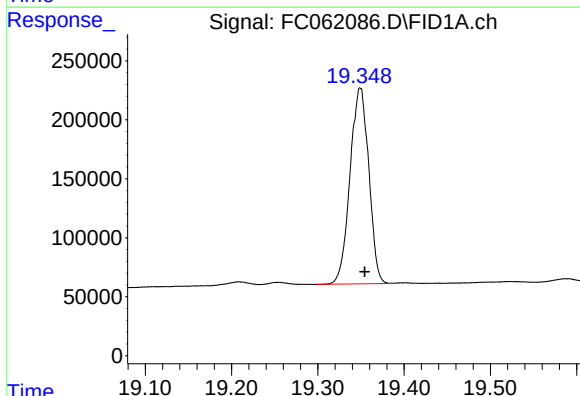
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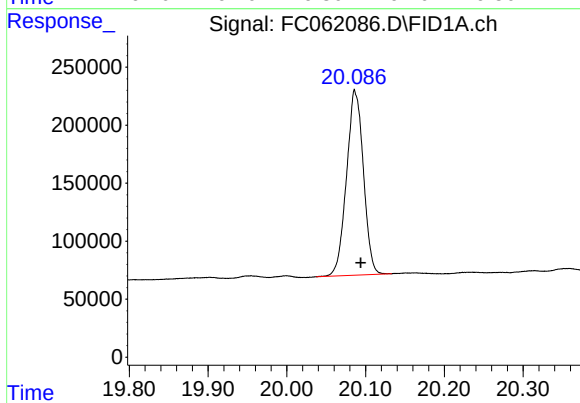
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.003 min
Response: 2726322
Conc: 23.14 ug/ml



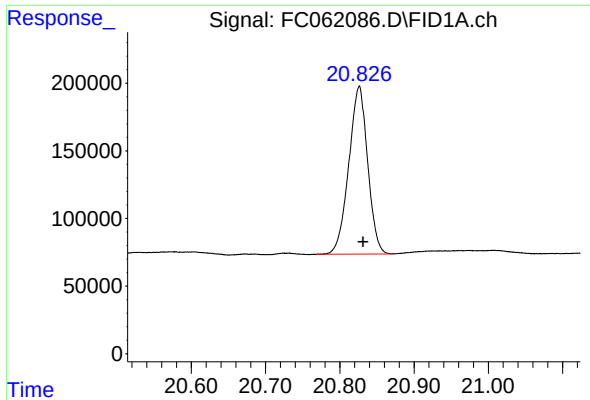
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.005 min
Response: 2508229
Conc: 22.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.007 min
Response: 2372885
Conc: 20.92 ug/ml



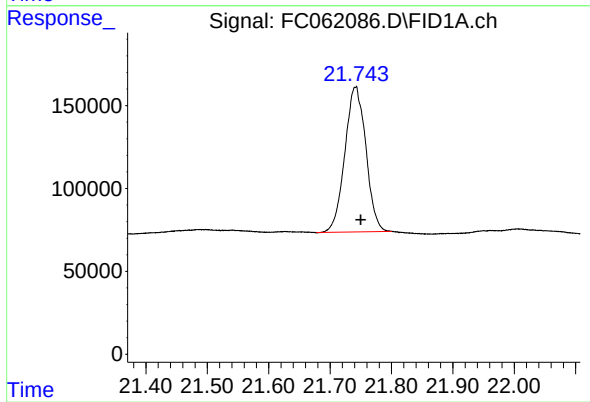
#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.005 min
Response: 2191142
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.008 min
Response: 2083951
Conc: 18.56 ug/ml