

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065799.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 09:05
 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 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:25:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.498	3335223	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.929	2466276	19.597 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.287	2922841	19.455 ug/ml
2) T n-Decane (C10)	4.351	3034699	19.959 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3253536	21.098 ug/ml
4) T n-Dodecane (C12)	6.364	3017763	19.717 ug/ml
5) T A~2-methylnaphthalene...	6.991	2970039	20.857 ug/ml
6) T n-Tetradecane (C14)	8.153	2940243	19.804 ug/ml
7) T n-Hexadecane (C16)	9.748	2987025	19.918 ug/ml
8) T n-Octadecane (C18)	11.183	3021831	19.590 ug/ml
10) T n-Eicosane (C20)	12.486	2920929	19.424 ug/ml
11) T n-Heneicosane (C21)	13.095	2894660	19.355 ug/ml
13) T n-Docosane (C22)	13.678	2894373	19.513 ug/ml
14) T n-Tetracosane (C24)	14.774	2934008	19.733 ug/ml
15) T n-Hexacosane (C26)	15.789	2947878	19.893 ug/ml
16) T n-Octacosane (C28)	16.735	3017133	20.562 ug/ml
17) T n-Tricontane (C30)	17.618	3223403	21.473 ug/ml
18) T n-Dotriacontane (C32)	18.446	3262308	22.060 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3152387	21.749 ug/ml
20) T n-Hexatriacontane (C36)	19.960	2957173	20.833 ug/mlm
21) T n-Octatriacontane (C38)	20.677	2881651	20.358 ug/mlm
22) T n-Tetracontane (C40)	21.549	2764457	19.819 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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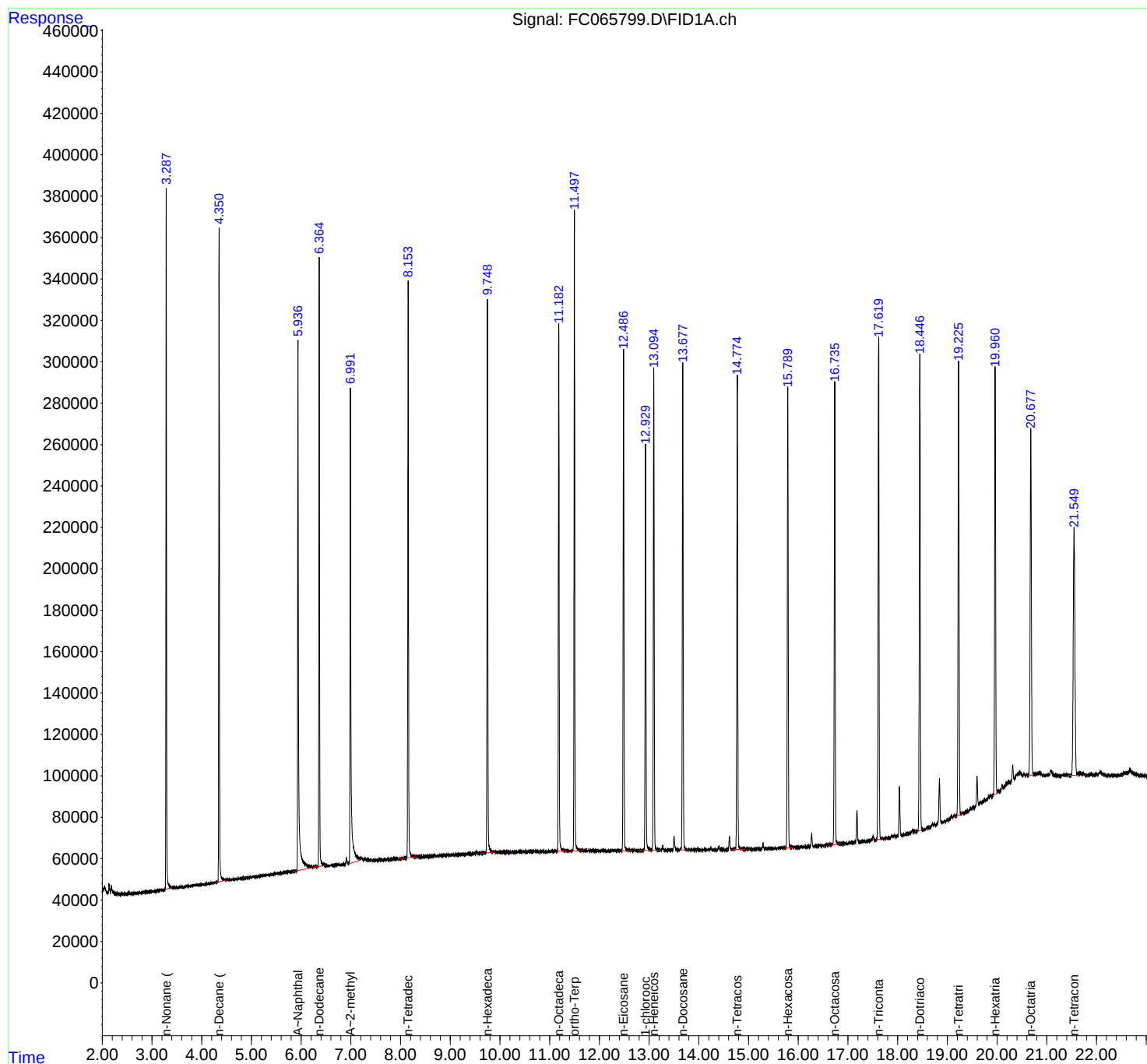
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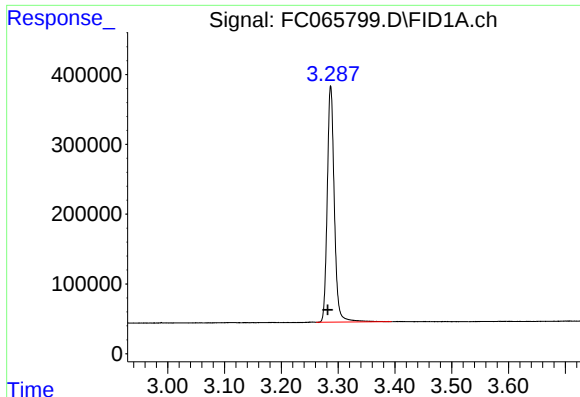
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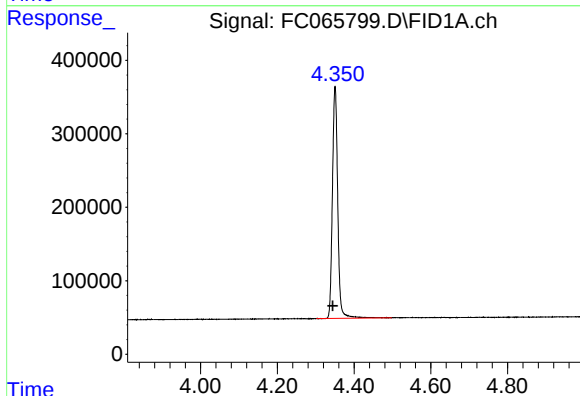
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2922841
Conc: 19.46 ug/ml

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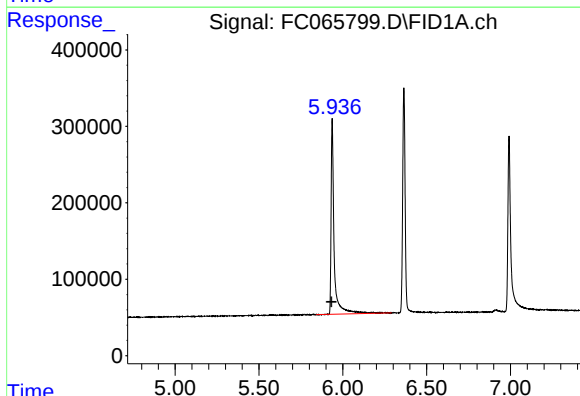
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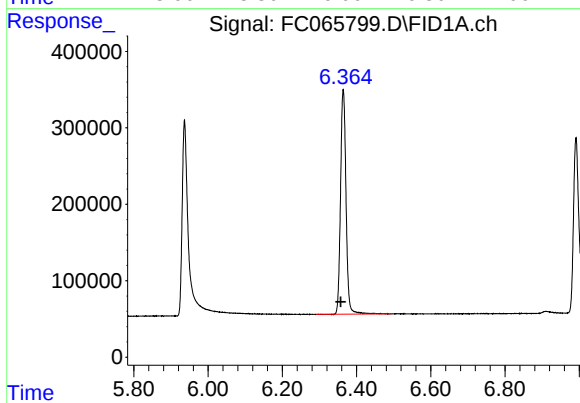
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.006 min
Response: 3034699
Conc: 19.96 ug/ml



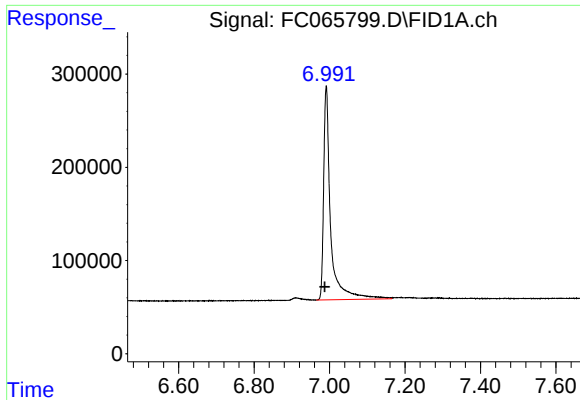
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: 0.005 min
Response: 3253536
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 3017763
Conc: 19.72 ug/ml



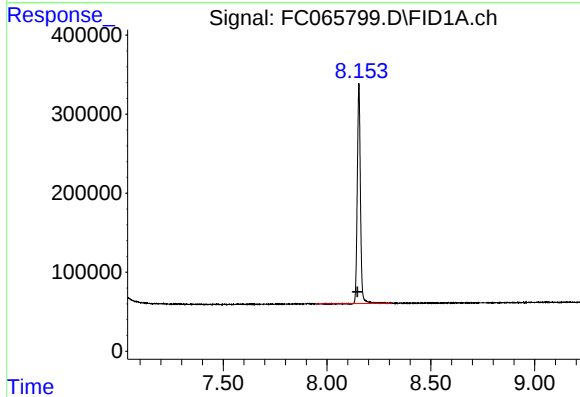
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: 0.004 min
Response: 2970039
Conc: 20.86 ug/ml

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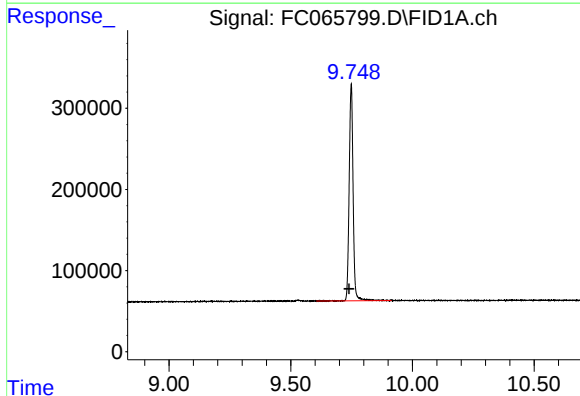
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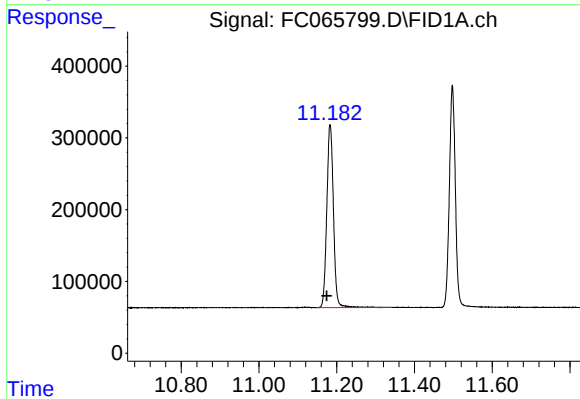
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.008 min
Response: 2940243
Conc: 19.80 ug/ml



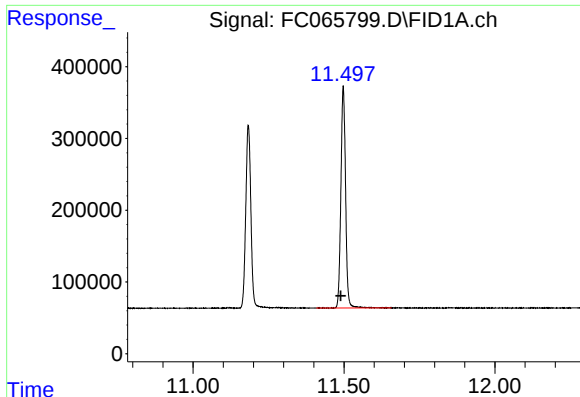
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.008 min
Response: 2987025
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.009 min
Response: 3021831
Conc: 19.59 ug/ml



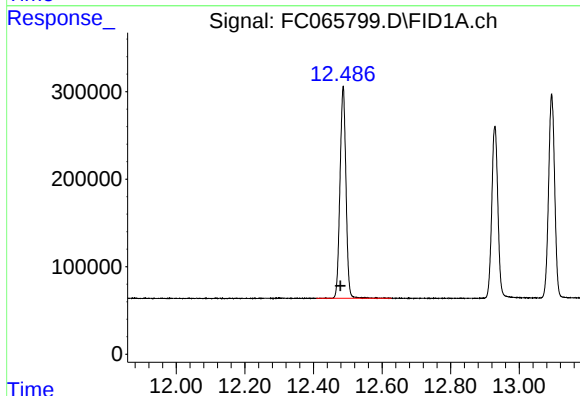
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.009 min
Response: 3335223
Conc: 19.44 ug/ml

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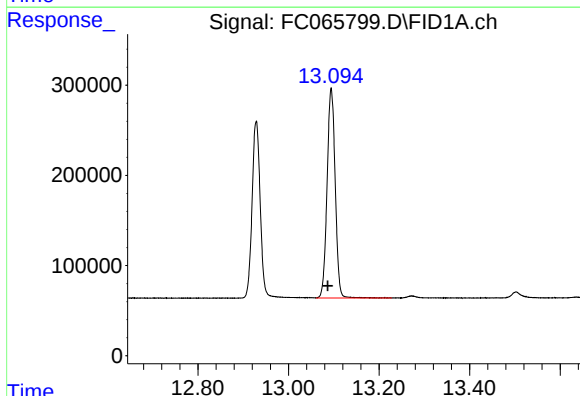
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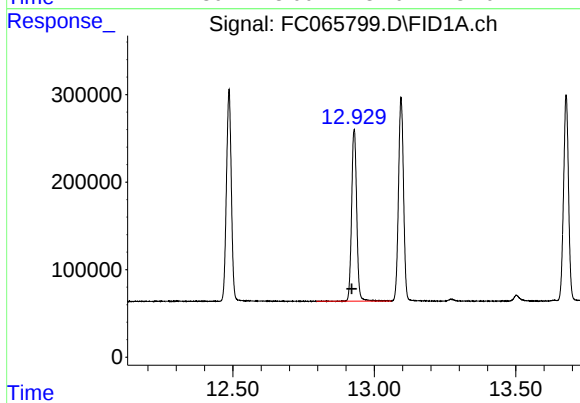
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.008 min
Response: 2920929
Conc: 19.42 ug/ml



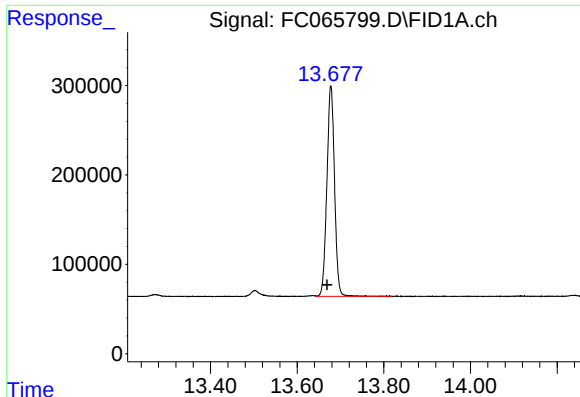
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.008 min
Response: 2894660
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 2466276
Conc: 19.60 ug/ml



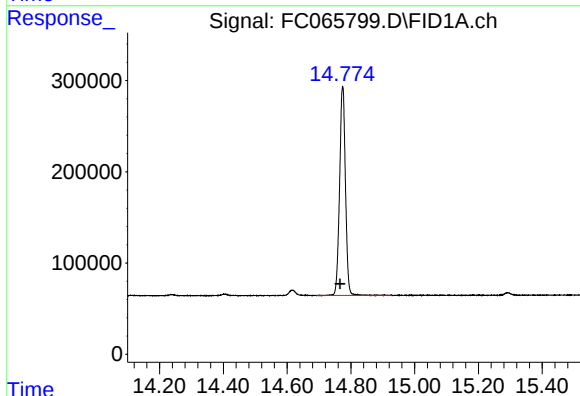
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.009 min
Response: 2894373
Conc: 19.51 ug/ml

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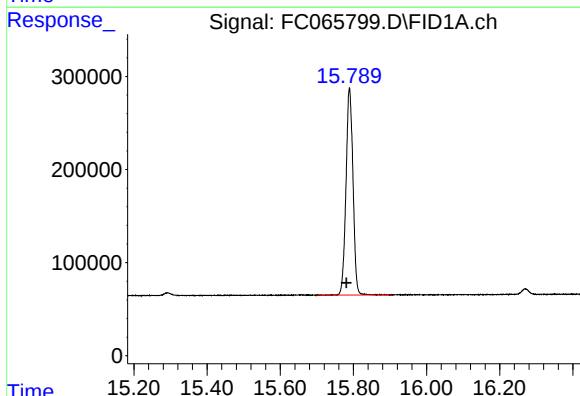
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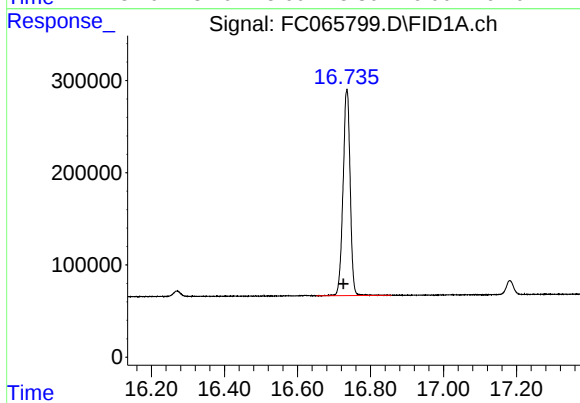
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 2934008
Conc: 19.73 ug/ml



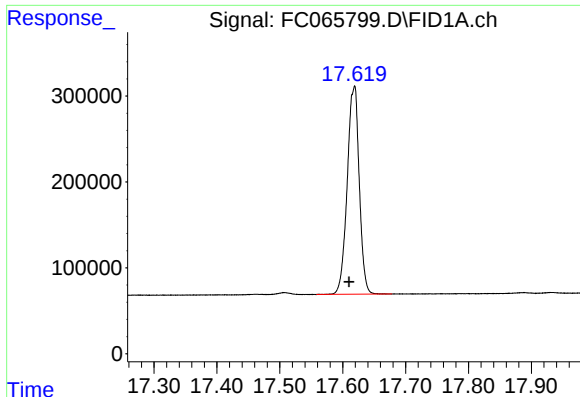
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.008 min
Response: 2947878
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.009 min
Response: 3017133
Conc: 20.56 ug/ml



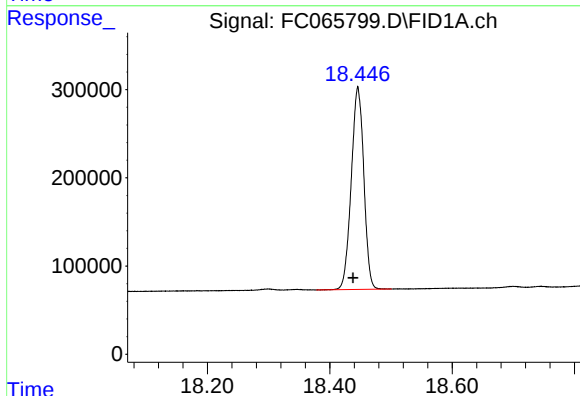
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.008 min
Response: 3223403
Conc: 21.47 ug/ml

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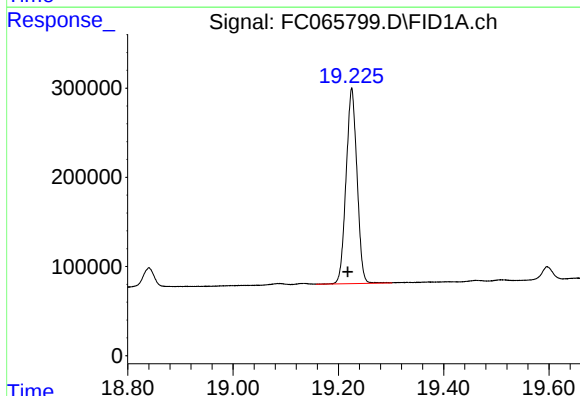
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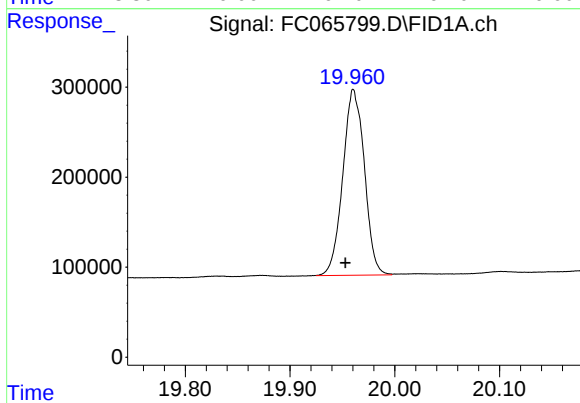
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 3262308
Conc: 22.06 ug/ml



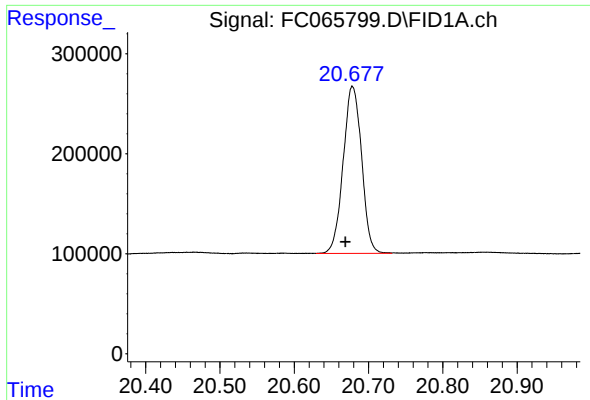
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.008 min
Response: 3152387
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.960 min
Delta R.T.: 0.007 min
Response: 2957173
Conc: 20.83 ug/ml m



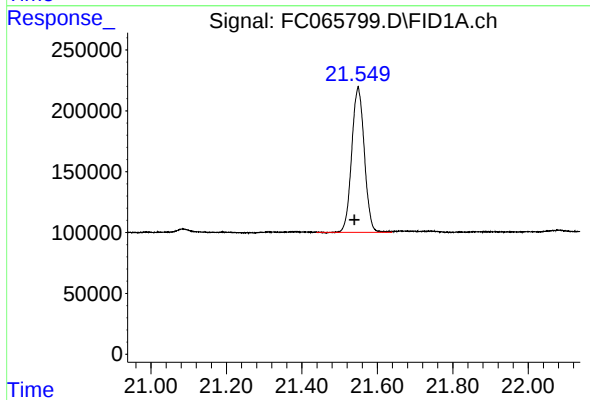
#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: 0.008 min
Response: 2881651
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.010 min
Response: 2764457
Conc: 19.82 ug/ml