

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
 Data File : FC066645.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2024 12:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2024
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e
 Quant Time: Jun 21 02:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.537	3303456	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	12.974	2614273	18.947 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.296	2780501	19.137 ug/ml
2) T n-Decane (C10)	4.363	2902115	19.456 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3167917	19.511 ug/ml
4) T n-Dodecane (C12)	6.382	2947209	19.446 ug/ml
5) T A~2-methylnaphthalene...	7.004	3088643	19.442 ug/ml
6) T n-Tetradecane (C14)	8.178	2955341	19.483 ug/ml
7) T n-Hexadecane (C16)	9.780	3138033	19.590 ug/ml
8) T n-Octadecane (C18)	11.222	3225460	19.439 ug/ml
10) T n-Eicosane (C20)	12.531	3133158	19.273 ug/ml
11) T n-Heneicosane (C21)	13.143	3074558	19.082 ug/ml
13) T n-Docosane (C22)	13.729	3063736	19.110 ug/ml
14) T n-Tetracosane (C24)	14.832	3007246	18.948 ug/ml
15) T n-Hexacosane (C26)	15.852	2885006	18.894 ug/ml
16) T n-Octacosane (C28)	16.801	2821547	19.560 ug/ml
17) T n-Tricontane (C30)	17.689	2937525	21.025 ug/ml
18) T n-Dotriacontane (C32)	18.521	2863693	21.699 ug/ml
19) T n-Tetratriacontane (C34)	19.305	2650220	21.429 ug/ml
20) T n-Hexatriacontane (C36)	20.046	2462759	20.434 ug/ml
21) T n-Octatriacontane (C38)	20.777	2279347	19.933 ug/ml
22) T n-Tetracontane (C40)	21.678	2224473	19.806 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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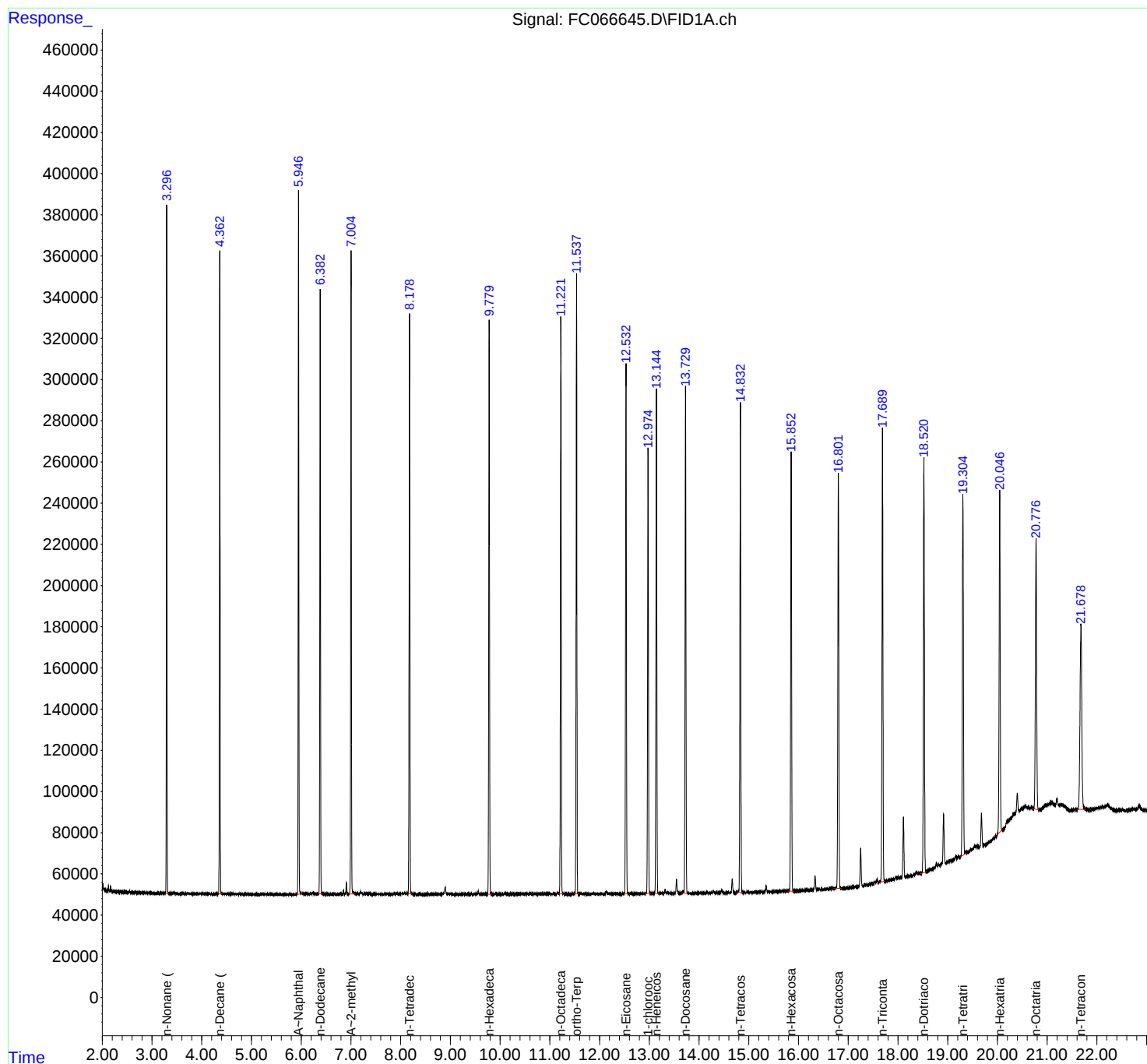
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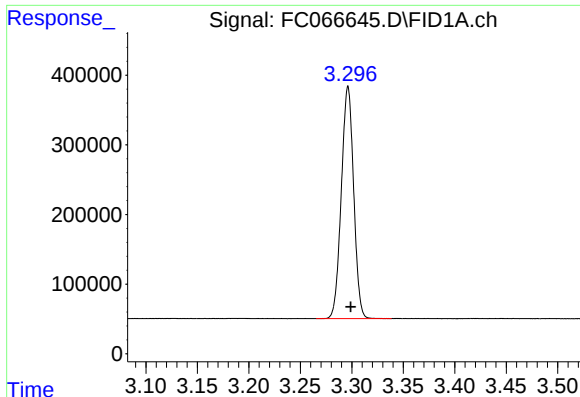
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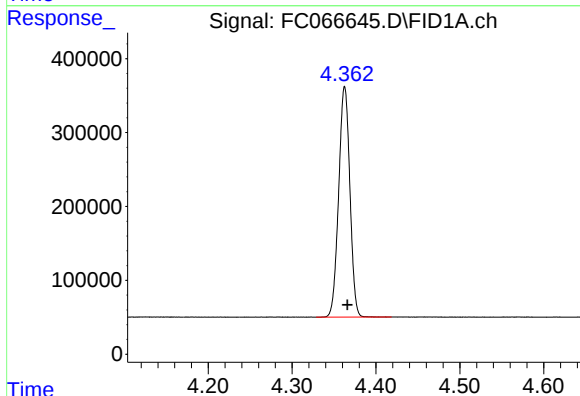
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 2780501
Conc: 19.14 ug/ml

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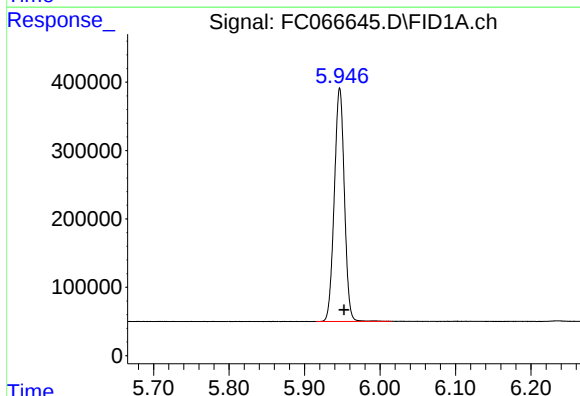
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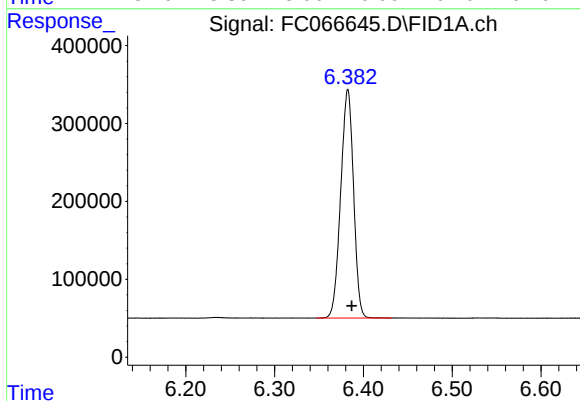
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.003 min
Response: 2902115
Conc: 19.46 ug/ml



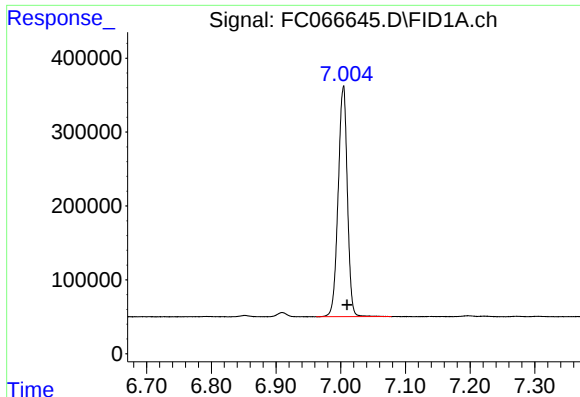
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 3167917
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.004 min
Response: 2947209
Conc: 19.45 ug/ml



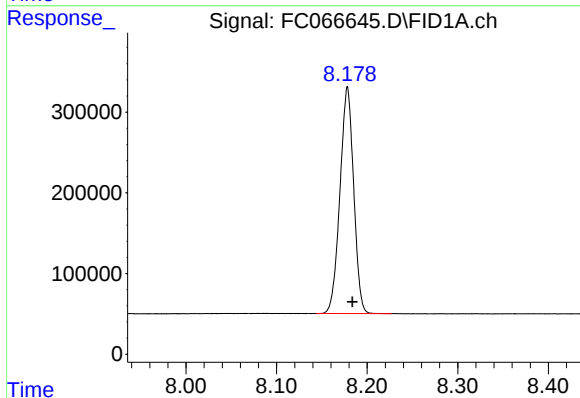
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.006 min
Response: 3088643
Conc: 19.44 ug/ml

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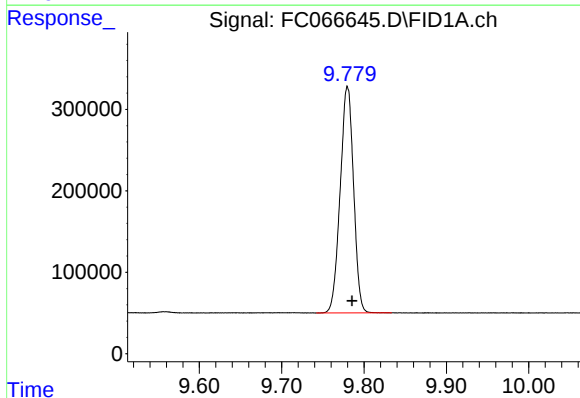
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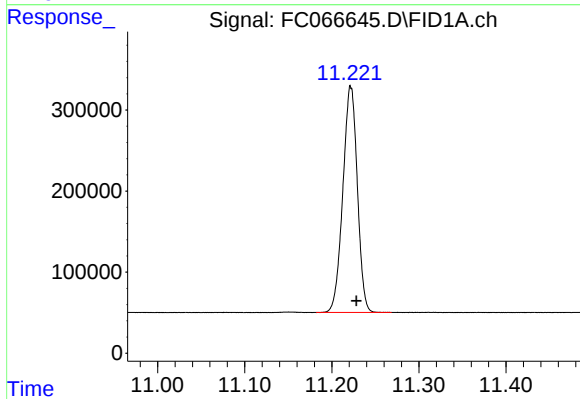
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 2955341
Conc: 19.48 ug/ml



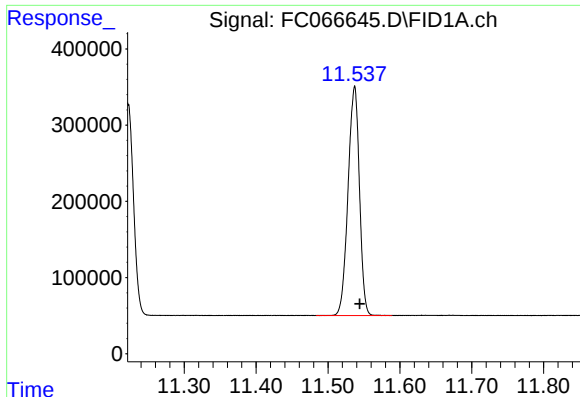
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.006 min
Response: 3138033
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.007 min
Response: 3225460
Conc: 19.44 ug/ml



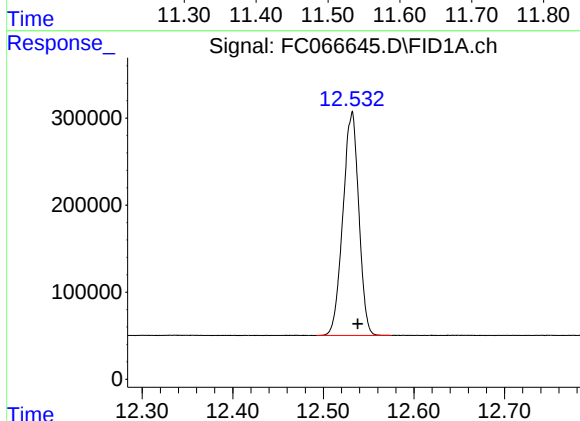
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 3303456
Conc: 19.15 ug/ml

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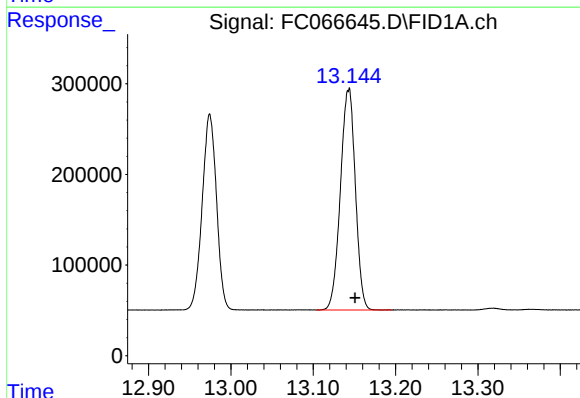
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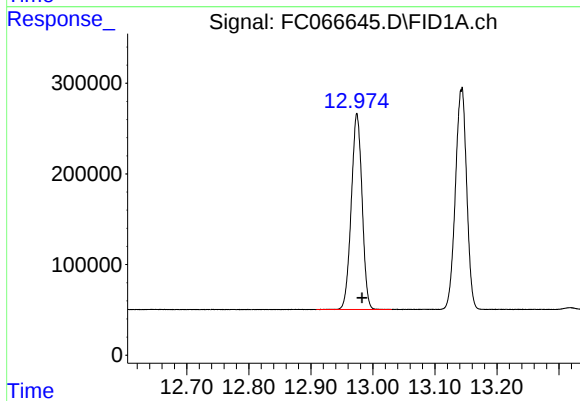
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.007 min
Response: 3133158
Conc: 19.27 ug/ml



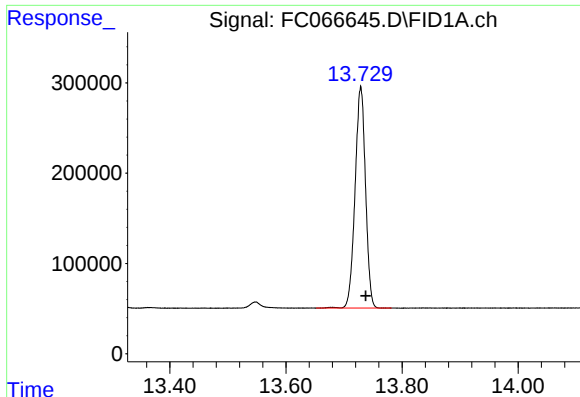
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 3074558
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 2614273
Conc: 18.95 ug/ml



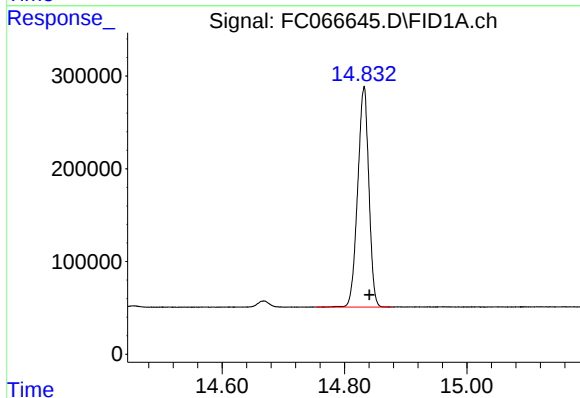
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.009 min
Response: 3063736
Conc: 19.11 ug/ml

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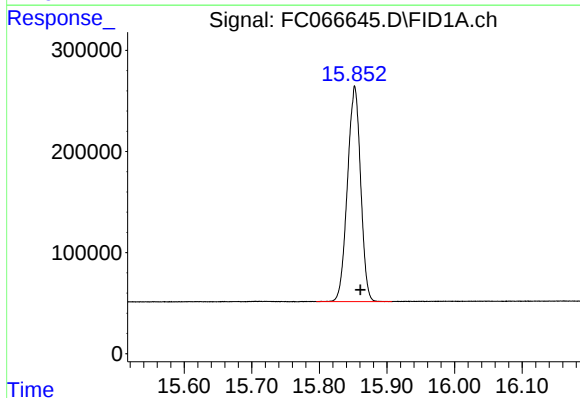
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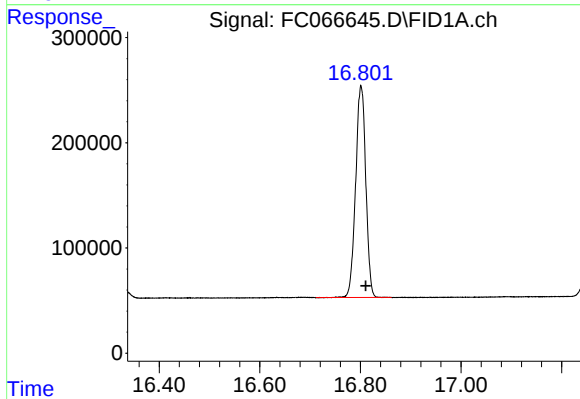
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.009 min
Response: 3007246
Conc: 18.95 ug/ml



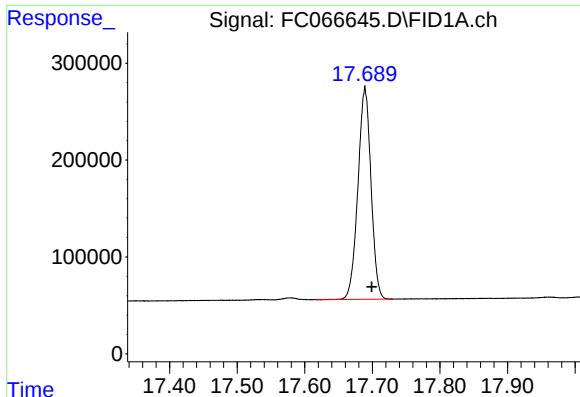
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.009 min
Response: 2885006
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.009 min
Response: 2821547
Conc: 19.56 ug/ml



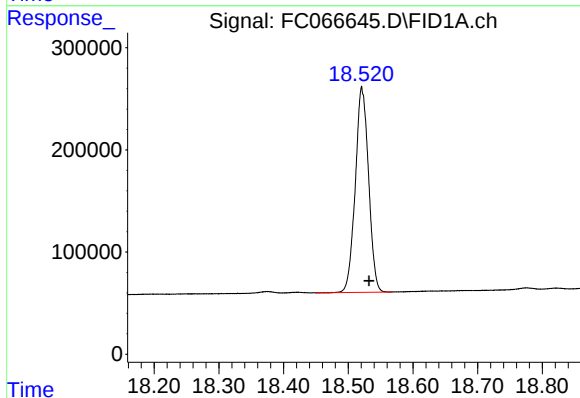
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.010 min
Response: 2937525
Conc: 21.03 ug/ml

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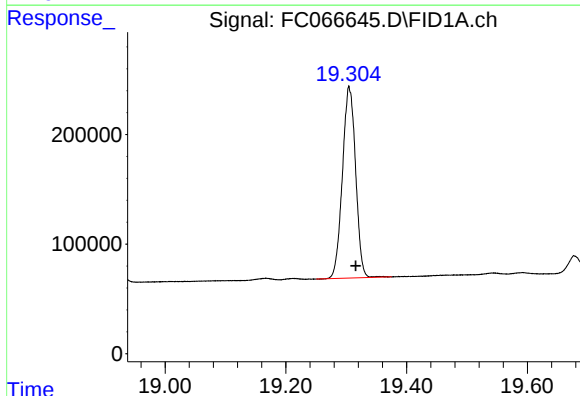
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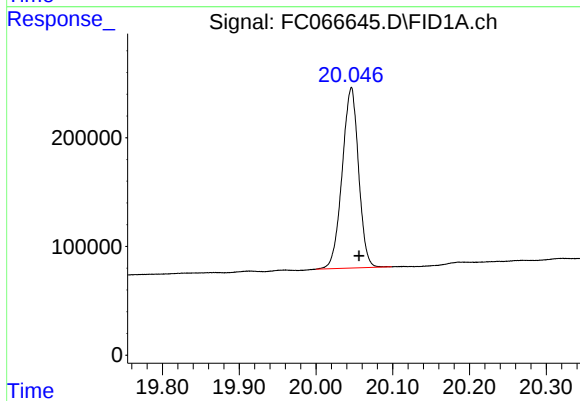
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.011 min
Response: 2863693
Conc: 21.70 ug/ml



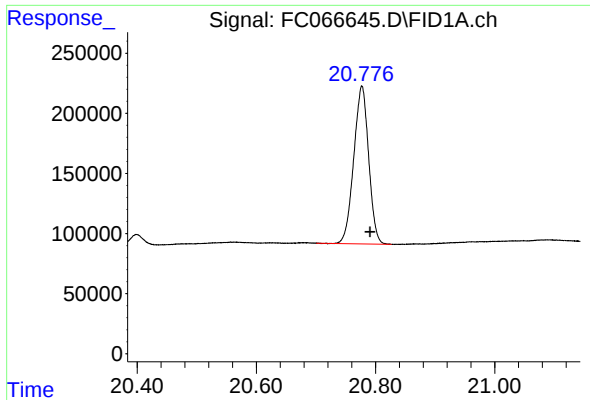
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: -0.011 min
Response: 2650220
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.010 min
Response: 2462759
Conc: 20.43 ug/ml



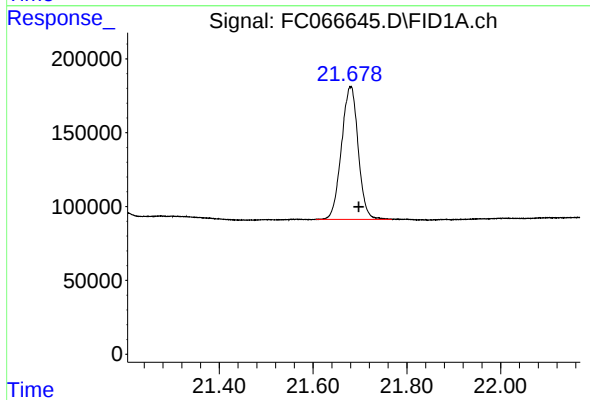
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 2279347
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.019 min
Response: 2224473
Conc: 19.81 ug/ml m