

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061924AL\
 Data File : FC066638.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2024 06:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e
 Quant Time: Jun 20 03:09:52 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	3184567	18.463 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	12.976	2473353	17.925 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.296	2838228	19.534 ug/ml
2) T n-Decane (C10)	4.363	2907472	19.492 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3199512	19.706 ug/ml
4) T n-Dodecane (C12)	6.383	2936166	19.373 ug/ml
5) T A~2-methylnaphthalene...	7.005	3102651	19.530 ug/ml
6) T n-Tetradecane (C14)	8.179	2904130	19.146 ug/ml
7) T n-Hexadecane (C16)	9.780	3008598	18.782 ug/ml
8) T n-Octadecane (C18)	11.222	3041915	18.333 ug/ml
10) T n-Eicosane (C20)	12.532	2934169	18.049 ug/ml
11) T n-Heneicosane (C21)	13.143	2889258	17.932 ug/ml
13) T n-Docosane (C22)	13.730	2877402	17.948 ug/ml
14) T n-Tetracosane (C24)	14.833	2849153	17.952 ug/ml
15) T n-Hexacosane (C26)	15.853	2771399	18.150 ug/ml
16) T n-Octacosane (C28)	16.802	2669207	18.504 ug/ml
17) T n-Tricontane (C30)	17.690	2647266	18.948 ug/ml
18) T n-Dotriacontane (C32)	18.523	2531966	19.186 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2428440	19.636 ug/ml
20) T n-Hexatriacontane (C36)	20.046	2305104	19.126 ug/ml
21) T n-Octatriacontane (C38)	20.777	2269146	19.844 ug/ml
22) T n-Tetracontane (C40)	21.681	2225111	19.812 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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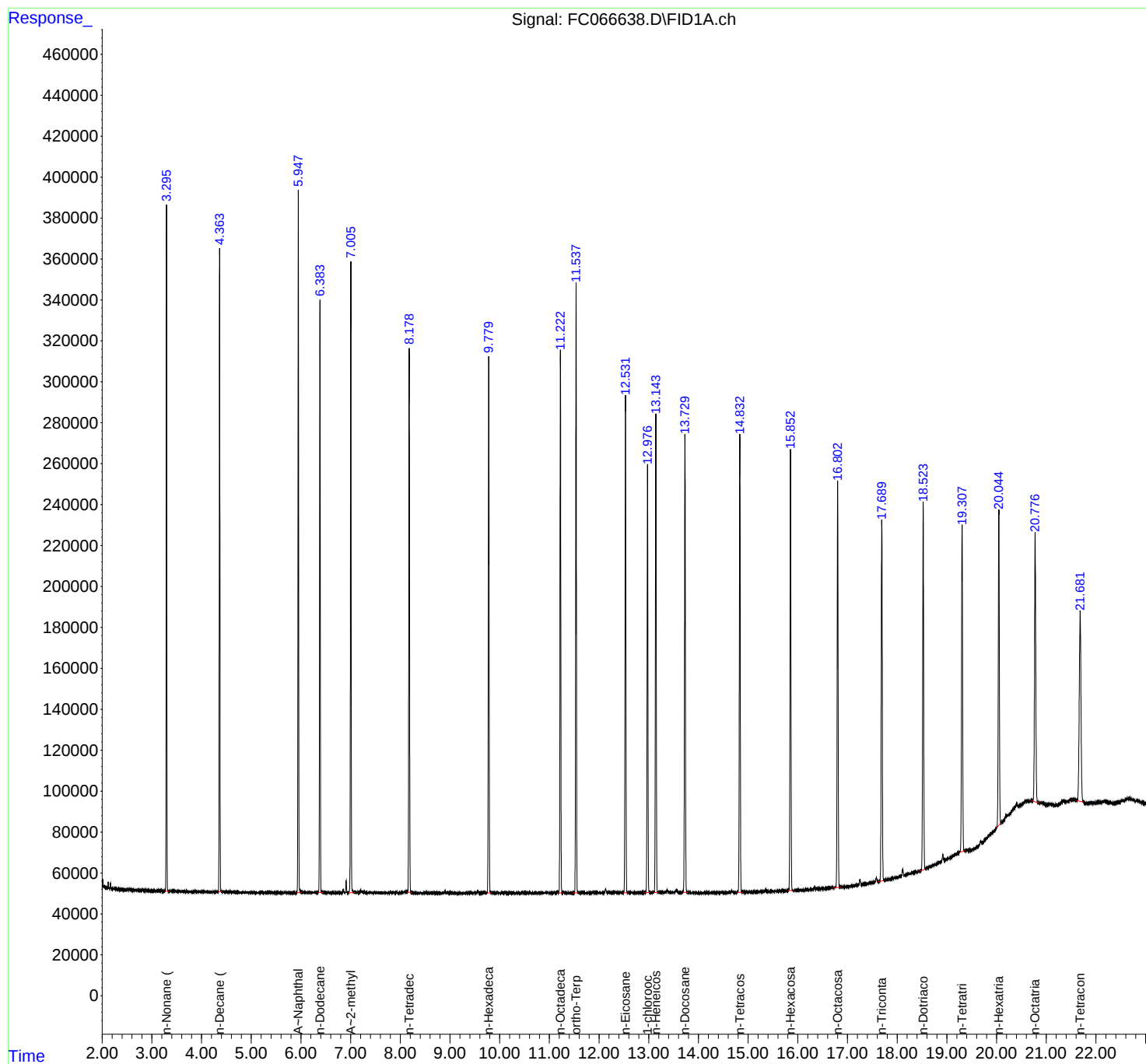
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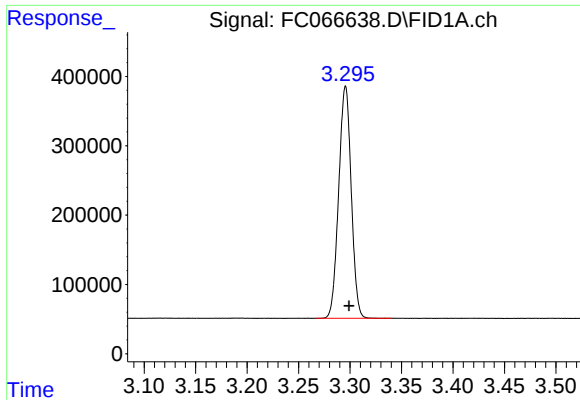
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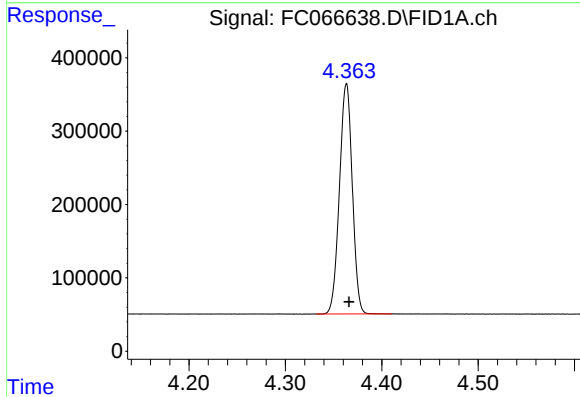
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 2838228
Conc: 19.53 ug/ml

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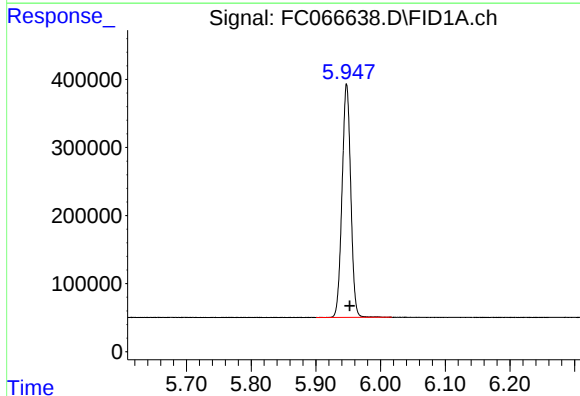
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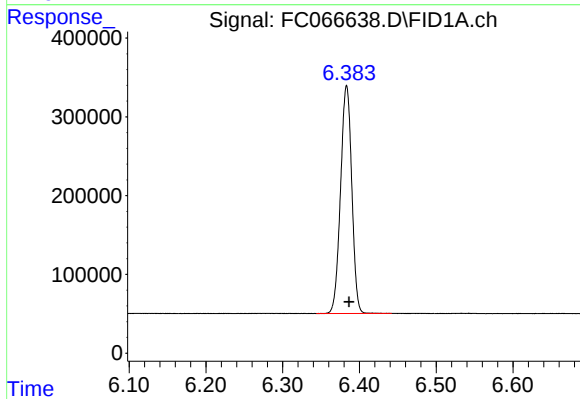
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.003 min
Response: 2907472
Conc: 19.49 ug/ml



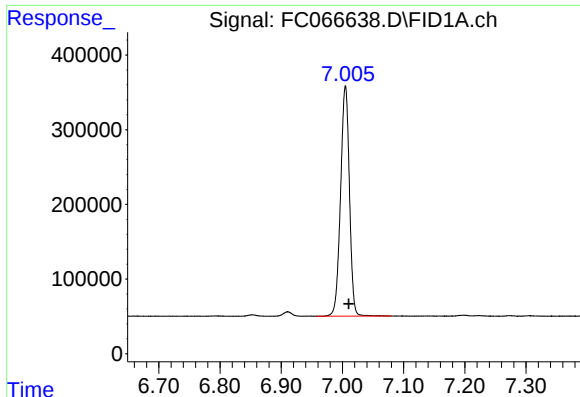
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 3199512
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.003 min
Response: 2936166
Conc: 19.37 ug/ml



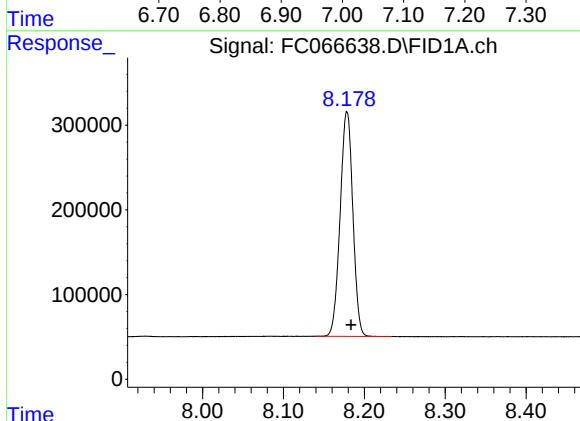
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 3102651
Conc: 19.53 ug/ml

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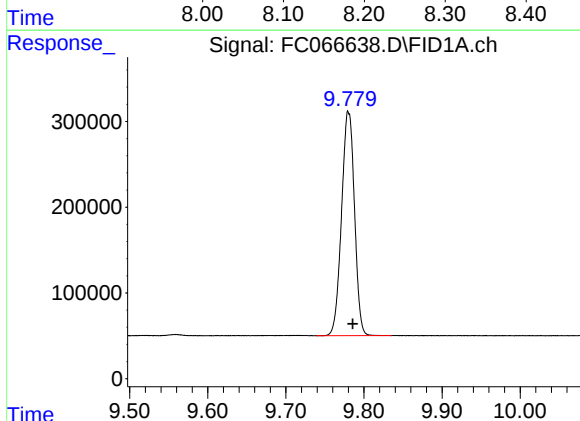
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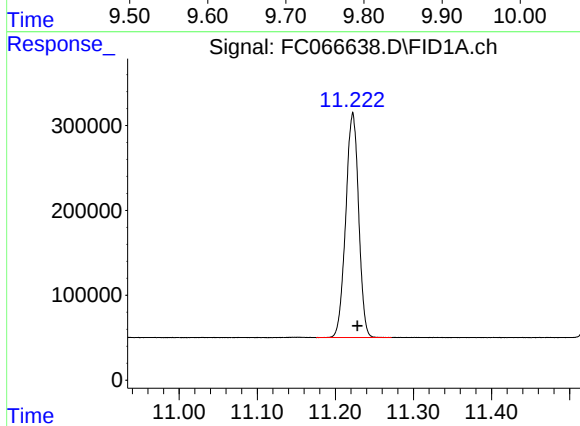
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.005 min
Response: 2904130
Conc: 19.15 ug/ml



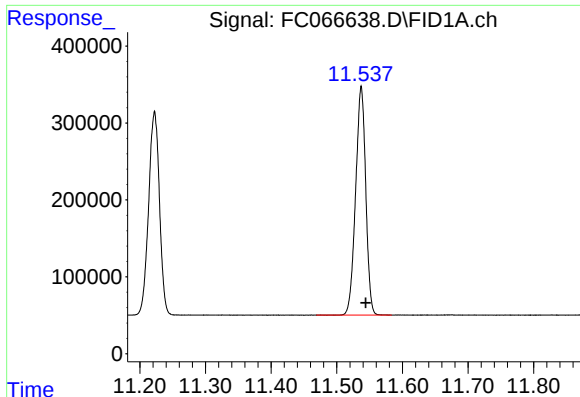
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.005 min
Response: 3008598
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.006 min
Response: 3041915
Conc: 18.33 ug/ml



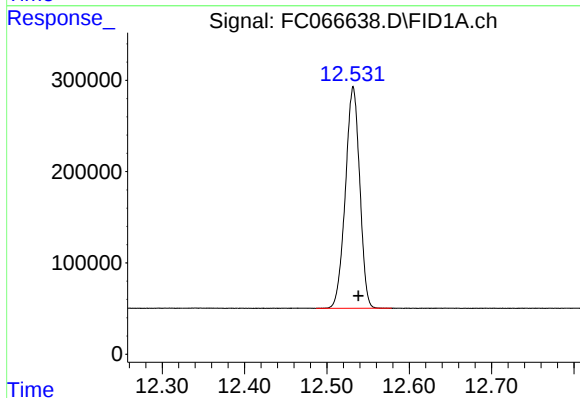
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 3184567
Conc: 18.46 ug/ml

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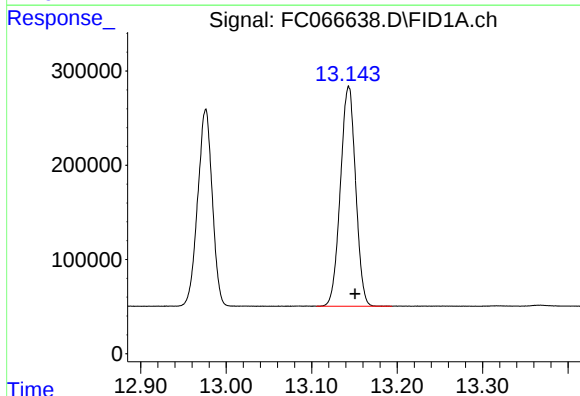
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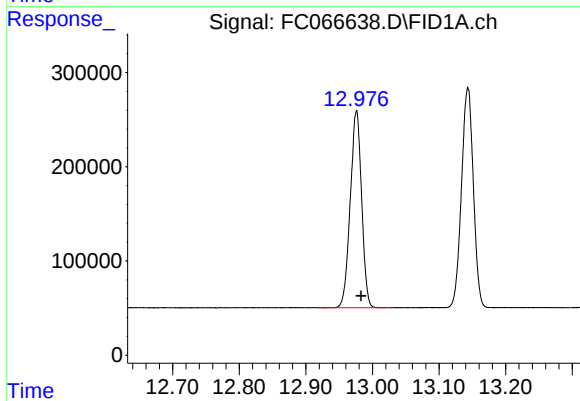
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 2934169
Conc: 18.05 ug/ml



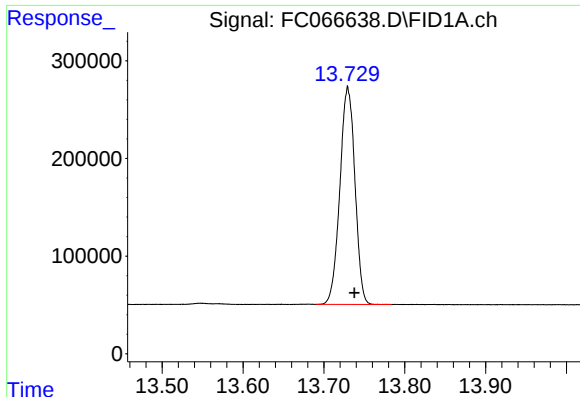
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2889258
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.007 min
Response: 2473353
Conc: 17.93 ug/ml



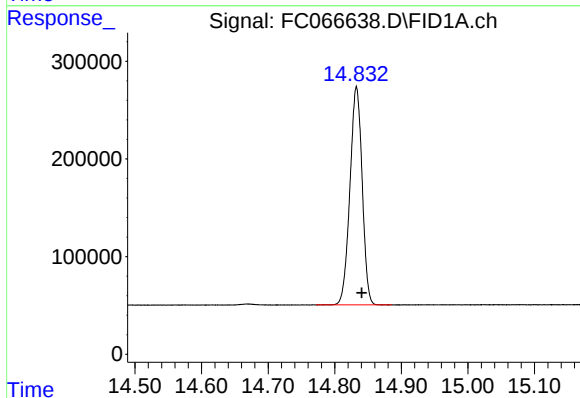
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.008 min
Response: 2877402
Conc: 17.95 ug/ml

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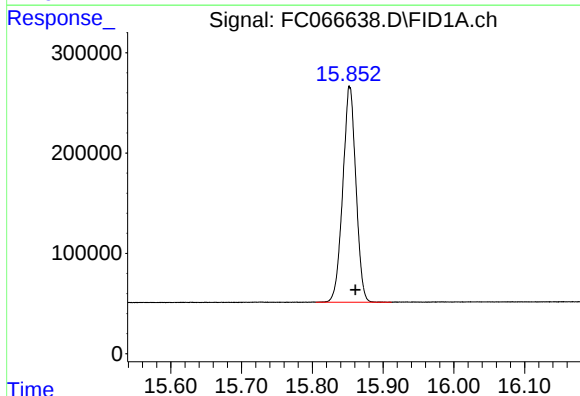
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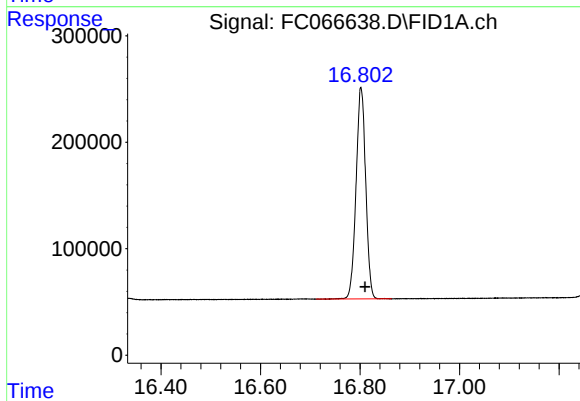
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.008 min
Response: 2849153
Conc: 17.95 ug/ml



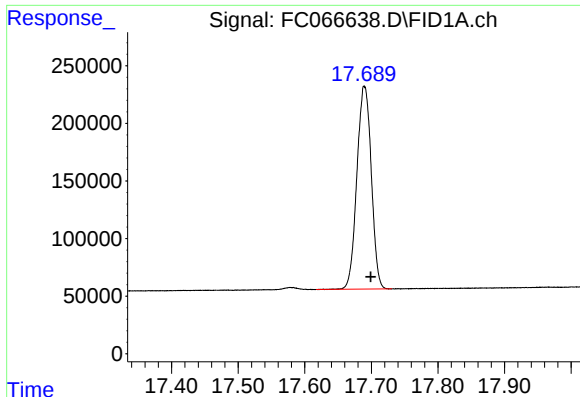
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.008 min
Response: 2771399
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.008 min
Response: 2669207
Conc: 18.50 ug/ml



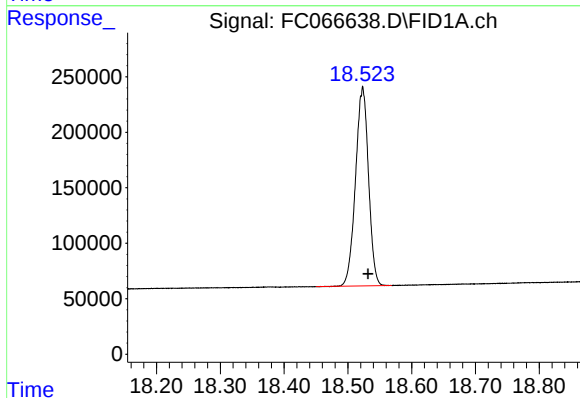
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.009 min
Response: 2647266
Conc: 18.95 ug/ml

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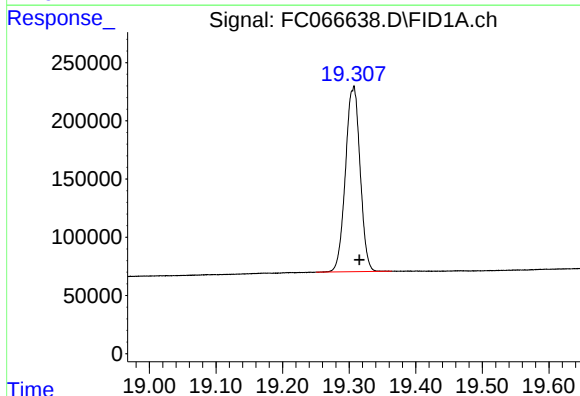
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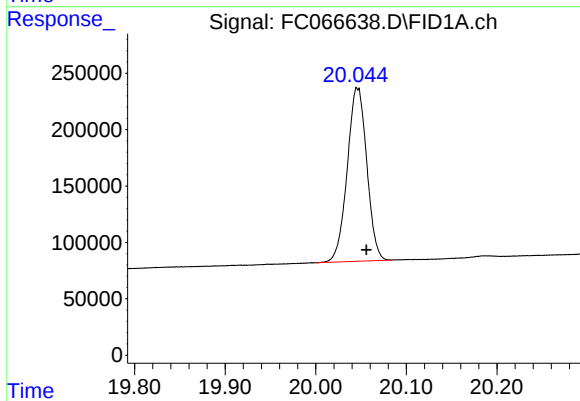
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.009 min
Response: 2531966
Conc: 19.19 ug/ml



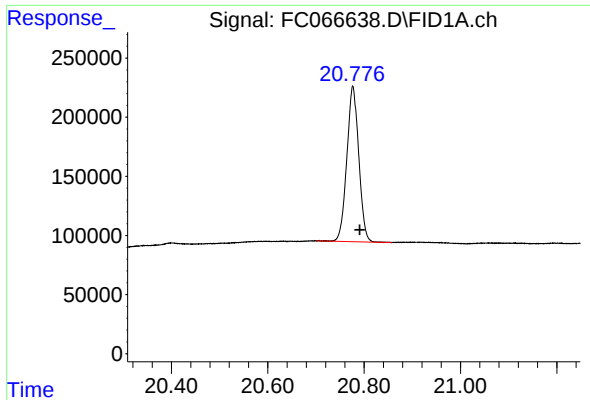
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.009 min
Response: 2428440
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.010 min
Response: 2305104
Conc: 19.13 ug/ml



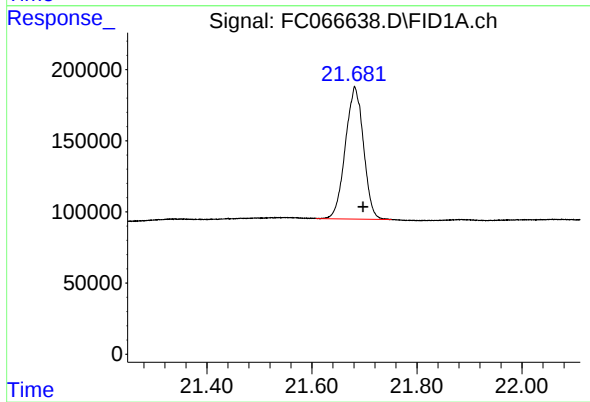
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 2269146
Conc: 19.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.681 min
Delta R.T.: -0.017 min
Response: 2225111
Conc: 19.81 ug/ml m