

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
 Data File : FC066648.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2024 14:36
 Operator : YP/AJ
 Sample : PB161601BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161601BSD

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 02:04:24 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)	11.540	8036418	46.591 ug/ml
Spiked Amount 50.000		Recovery =	93.18%
12) S 1-chlorooctadecane (S...	12.978	6814422	49.387 ug/ml
Spiked Amount 50.000		Recovery =	98.77%
Target Compounds			
1) T n-Nonane (C9)	3.309	6018643	41.424 ug/ml
2) T n-Decane (C10)	4.370	6641032	44.522 ug/ml
3) T A~Naphthalene (C11.7)	5.950	8160144	50.259 ug/ml
4) T n-Dodecane (C12)	6.384	7158483	47.233 ug/ml
5) T A~2-methylnaphthalene...	7.007	8477857	53.365 ug/ml
6) T n-Tetradecane (C14)	8.182	7694324	50.725 ug/ml
7) T n-Hexadecane (C16)	9.782	7975540	49.789 ug/ml
8) T n-Octadecane (C18)	11.225	8087347	48.741 ug/ml
10) T n-Eicosane (C20)	12.535	8204879	50.471 ug/ml
11) T n-Heneicosane (C21)	13.146	7934889	49.247 ug/ml
13) T n-Docosane (C22)	13.732	7856833	49.007 ug/ml
14) T n-Tetracosane (C24)	14.835	6369631	40.134 ug/ml
15) T n-Hexacosane (C26)	15.857	7341311	48.078 ug/ml
16) T n-Octacosane (C28)	16.805	6999858	48.527 ug/ml
17) T n-Tricontane (C30)	17.694	6713866	48.055 ug/ml
18) T n-Dotriacontane (C32)	18.524	6486809	49.153 ug/ml
19) T n-Tetratriacontane (C34)	19.307	6342576	51.285 ug/ml
20) T n-Hexatriacontane (C36)	20.047	6124089	50.814 ug/ml
21) T n-Octatriacontane (C38)	20.779	6060444	53.000 ug/ml
22) T n-Tetracontane (C40)	21.683	5862896	52.203 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
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Operator : YP/AJ
Sample : PB161601BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

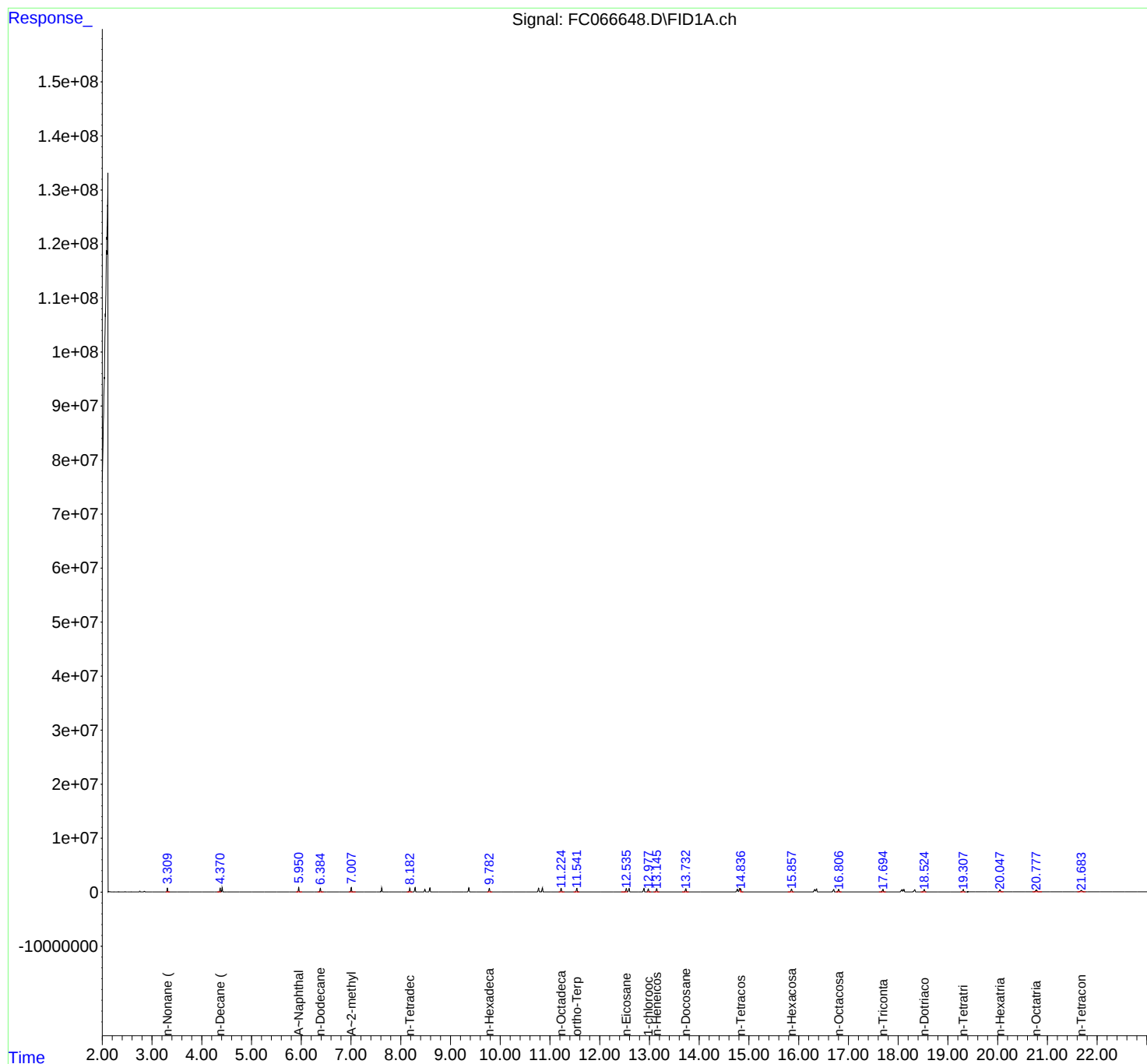
Instrument :
FID_C
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PB161601BSD

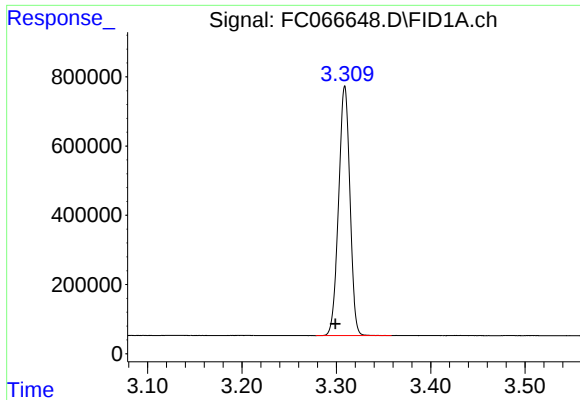
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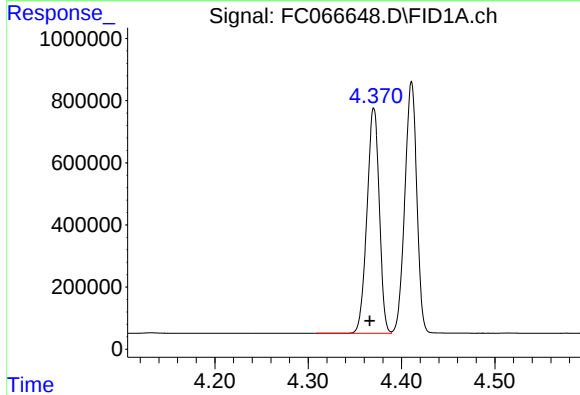
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: 0.010 min
Response: 6018643
Conc: 41.42 ug/ml

Instrument :
FID_C
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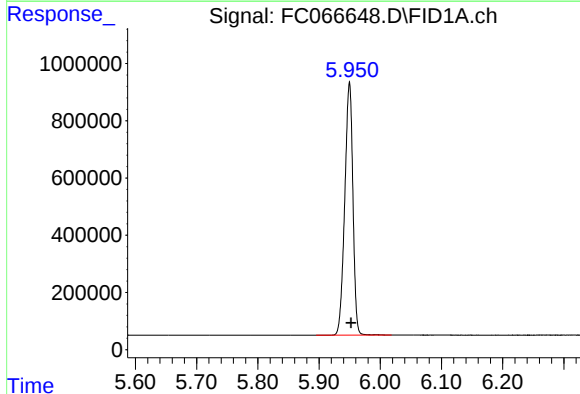
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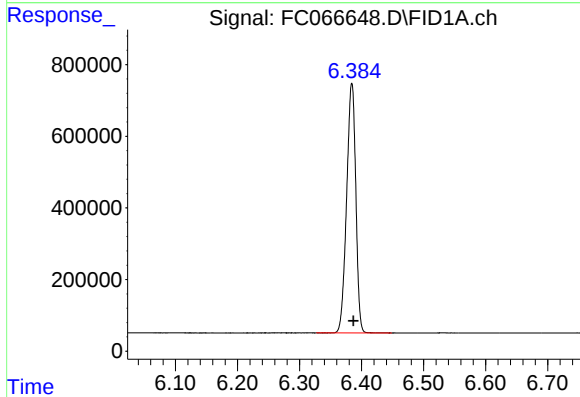
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.004 min
Response: 6641032
Conc: 44.52 ug/ml



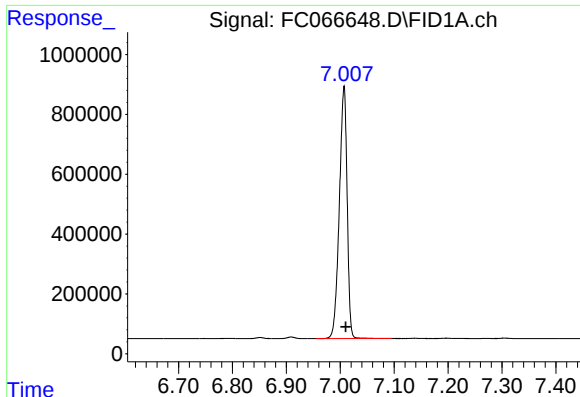
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 8160144
Conc: 50.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 7158483
Conc: 47.23 ug/ml



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

R.T.: 7.007 min
Delta R.T.: -0.003 min
Response: 8477857
Conc: 53.36 ug/ml

Instrument :

FID_C

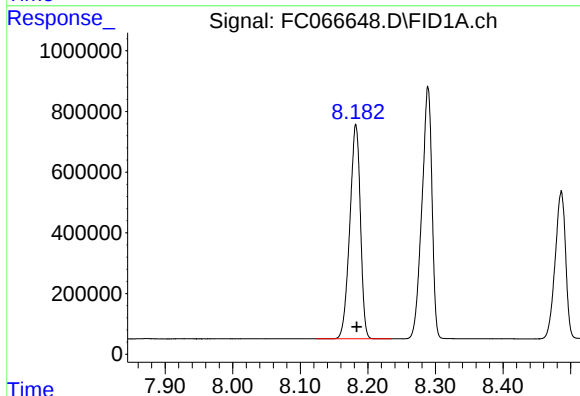
ClientSampleId :

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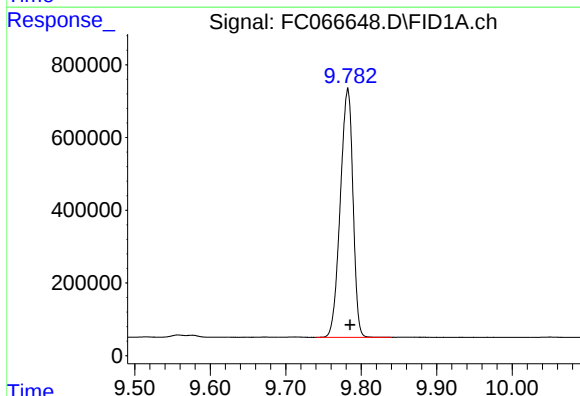
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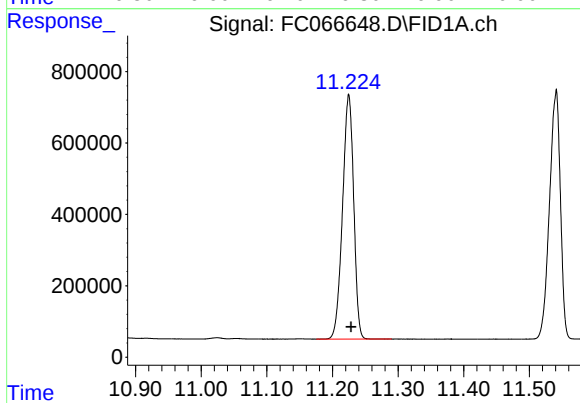
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.001 min
Response: 7694324
Conc: 50.73 ug/ml



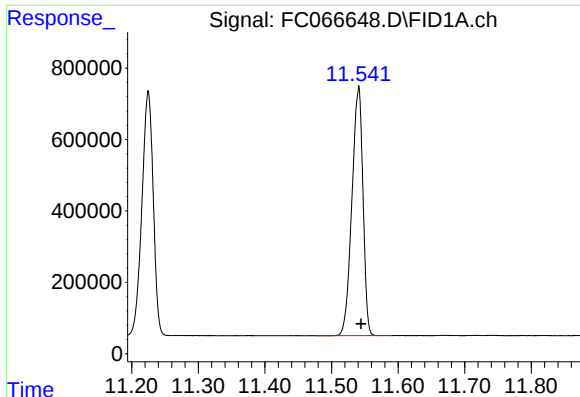
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 7975540
Conc: 49.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.003 min
Response: 8087347
Conc: 48.74 ug/ml



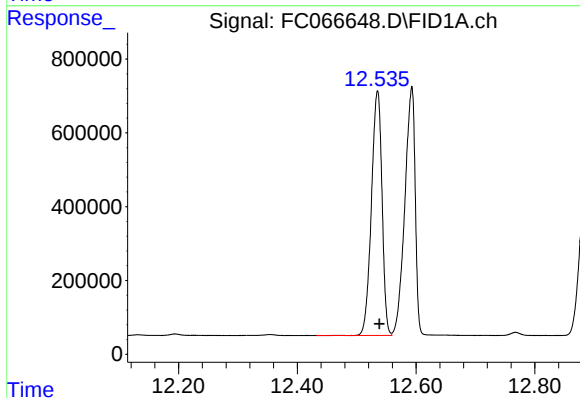
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 8036418
Conc: 46.59 ug/ml

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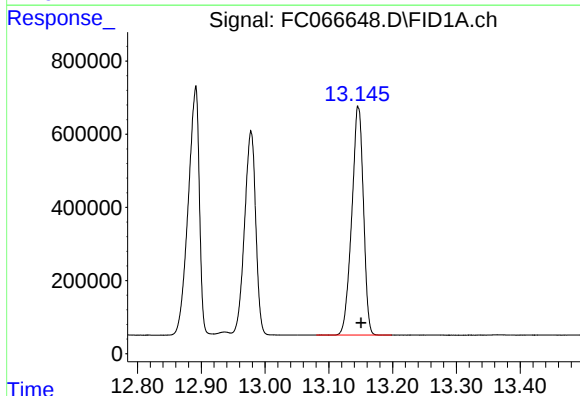
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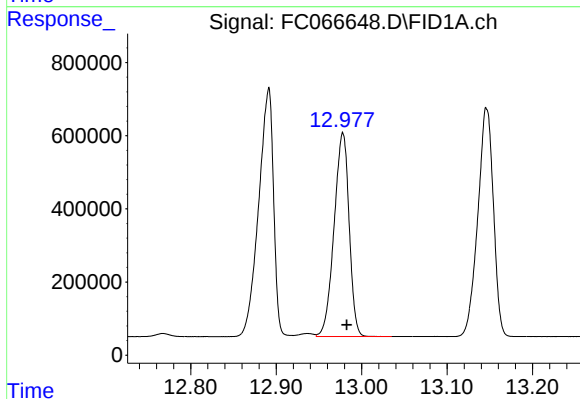
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 8204879
Conc: 50.47 ug/ml



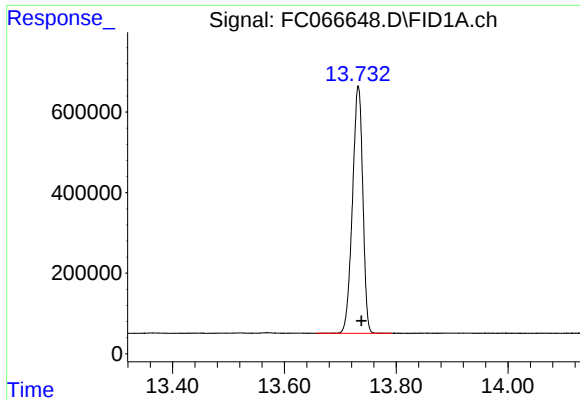
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.005 min
Response: 7934889
Conc: 49.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.005 min
Response: 6814422
Conc: 49.39 ug/ml



#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.006 min
Response: 7856833
Conc: 49.01 ug/ml

Instrument :

FID_C

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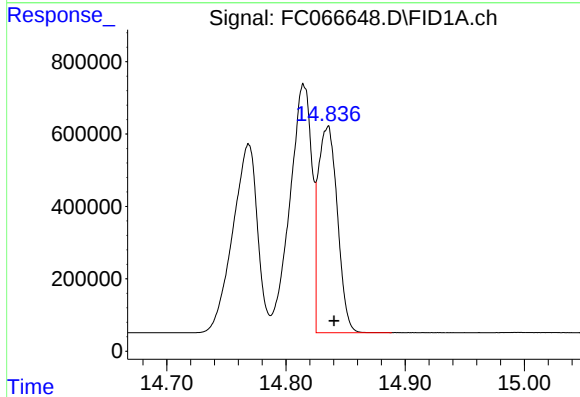
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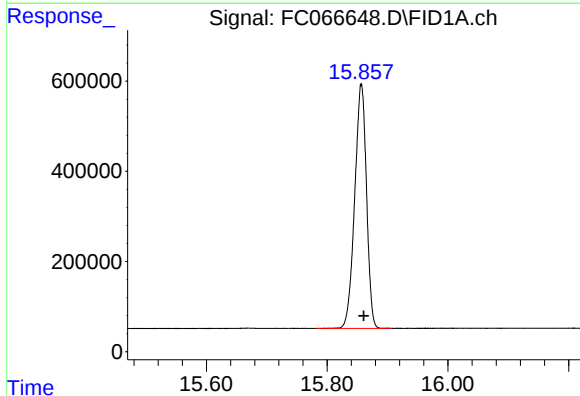
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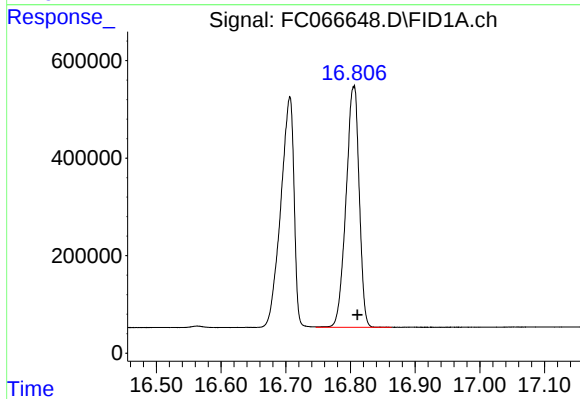
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.006 min
Response: 6369631
Conc: 40.13 ug/ml



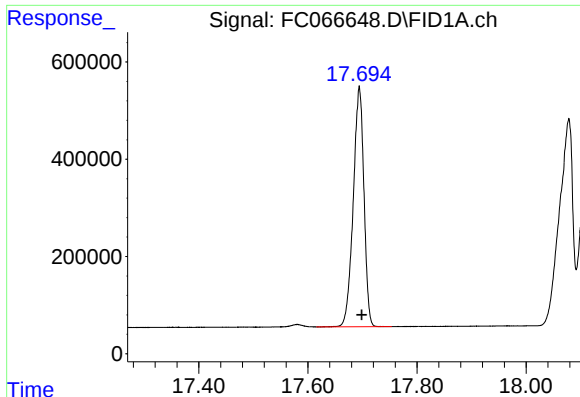
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.004 min
Response: 7341311
Conc: 48.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.006 min
Response: 6999858
Conc: 48.53 ug/ml



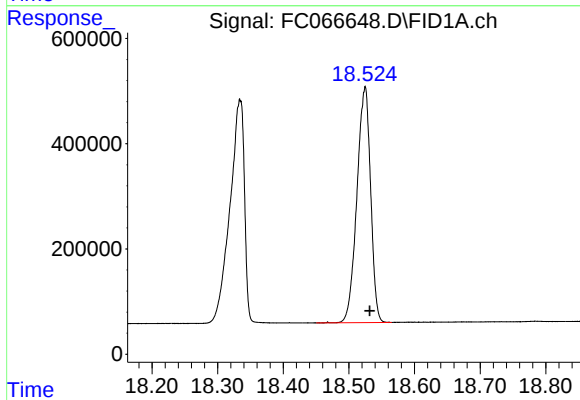
#17 n-Tricontane (C30)

R.T.: 17.694 min
Delta R.T.: -0.005 min
Response: 6713866
Conc: 48.05 ug/ml

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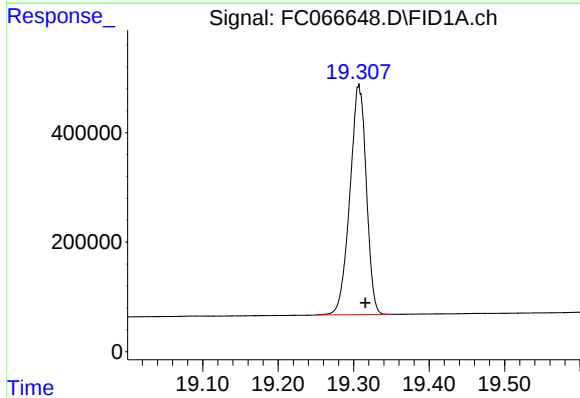
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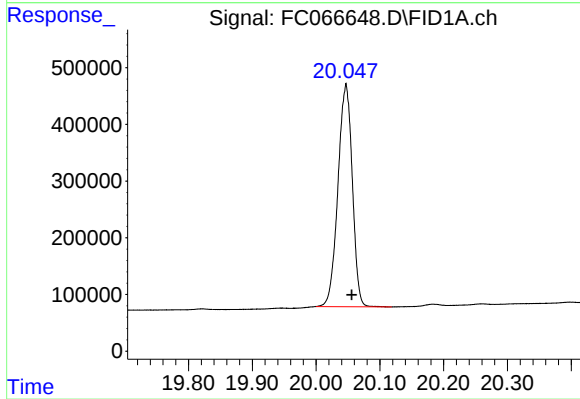
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.008 min
Response: 6486809
Conc: 49.15 ug/ml



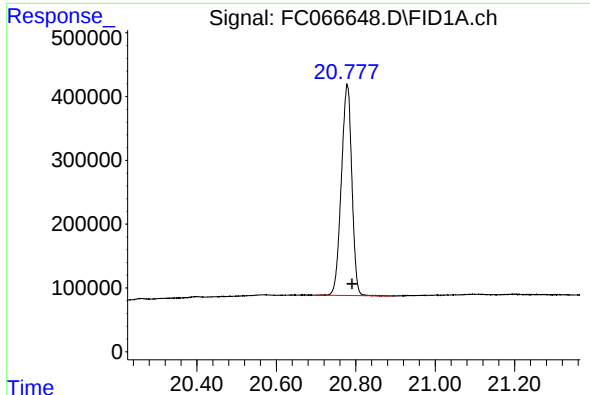
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.009 min
Response: 6342576
Conc: 51.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 6124089
Conc: 50.81 ug/ml



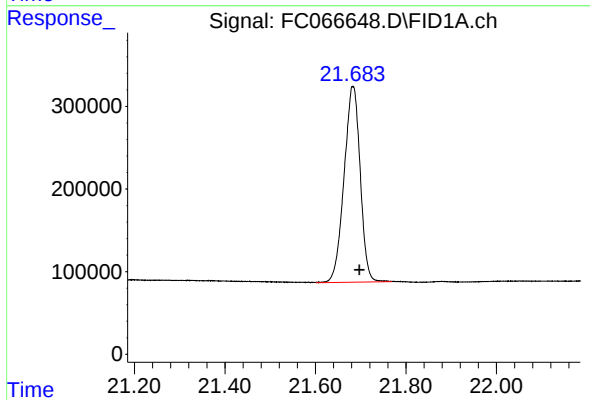
#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.012 min
Response: 6060444
Conc: 53.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.014 min
Response: 5862896
Conc: 52.20 ug/ml m