

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070124AL\
 Data File : FC066701.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2024 14:04
 Operator : YP/AJ
 Sample : PB161849BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161849BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2024
 Supervised By :Ankita Jodhani 07/02/2024

Integration File: autoint1.e
 Quant Time: Jul 02 03:11:14 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)	11.534	6715589	38.934 ug/ml
Spiked Amount 50.000		Recovery =	77.87%
12) S 1-chlorooctadecane (S...	12.972	5463178	39.594 ug/ml
Spiked Amount 50.000		Recovery =	79.19%
Target Compounds			
1) T n-Nonane (C9)	3.306	6605835	45.465 ug/ml
2) T n-Decane (C10)	4.367	7099045	47.593 ug/ml
3) T A~Naphthalene (C11.7)	5.945	8273256	50.955 ug/ml
4) T n-Dodecane (C12)	6.380	7052803	46.536 ug/ml
5) T A~2-methylnaphthalene...	7.002	8283375	52.140 ug/ml
6) T n-Tetradecane (C14)	8.178	7244276	47.758 ug/ml
7) T n-Hexadecane (C16)	9.778	7278573	45.438 ug/ml
8) T n-Octadecane (C18)	11.220	7204774	43.422 ug/ml
10) T n-Eicosane (C20)	12.530	7195634	44.263 ug/ml
11) T n-Heneicosane (C21)	13.141	6940203	43.074 ug/ml
13) T n-Docosane (C22)	13.727	6859718	42.787 ug/ml
14) T n-Tetracosane (C24)	14.829	5516097	34.756 ug/mlm
15) T n-Hexacosane (C26)	15.853	6566628	43.005 ug/ml
16) T n-Octacosane (C28)	16.800	6399798	44.367 ug/ml
17) T n-Tricontane (C30)	17.690	6272540	44.896 ug/ml
18) T n-Dotriacontane (C32)	18.520	6149073	46.594 ug/ml
19) T n-Tetratriacontane (C34)	19.303	6104729	49.361 ug/ml
20) T n-Hexatriacontane (C36)	20.044	6011896	49.883 ug/ml
21) T n-Octatriacontane (C38)	20.775	6250445	54.661 ug/ml
22) T n-Tetracontane (C40)	21.679	6335963	56.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 01 Jul 2024 14:04
Operator : YP/AJ
Sample : PB161849BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

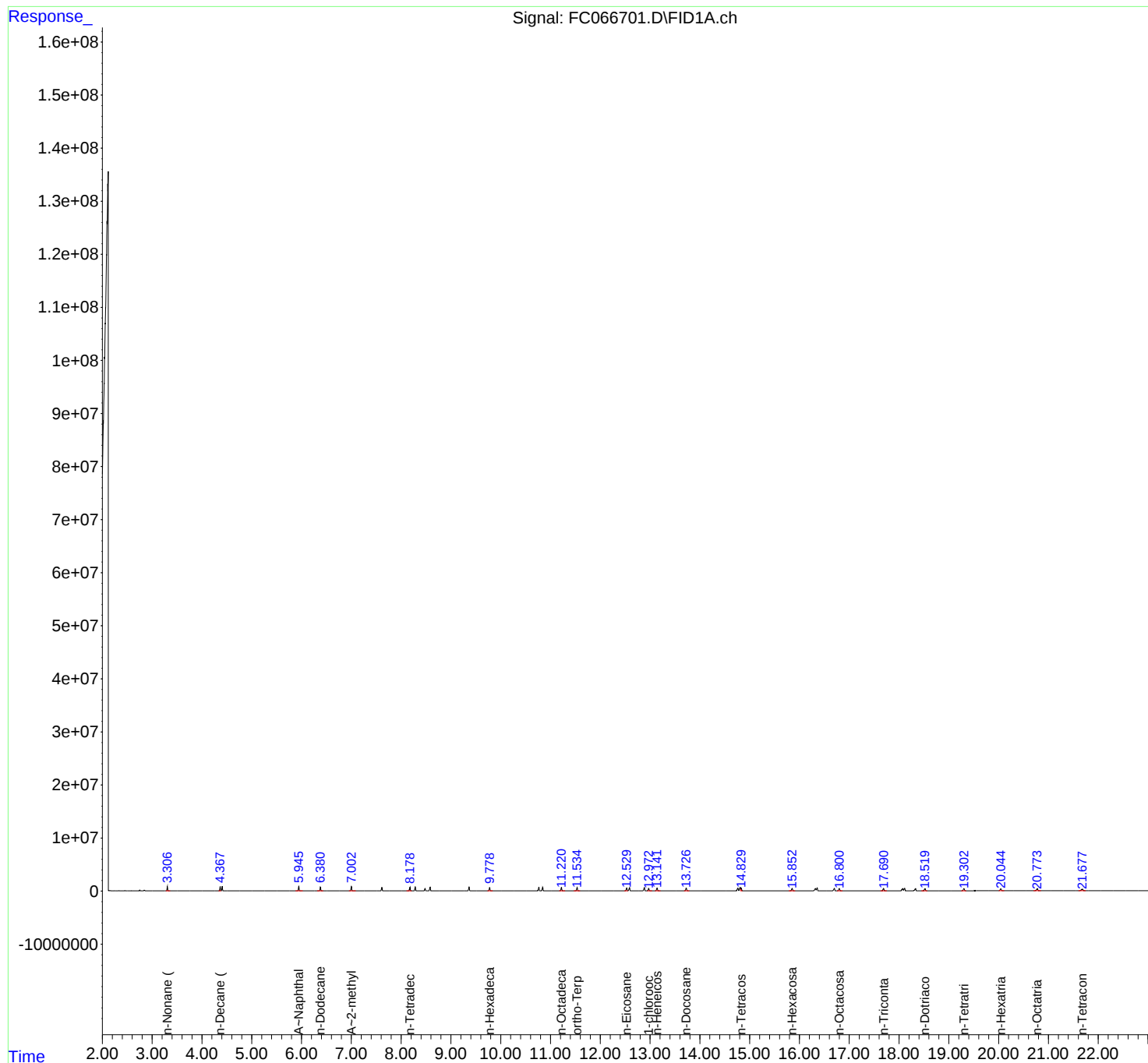
Instrument :
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ClientSampleId :
PB161849BSD

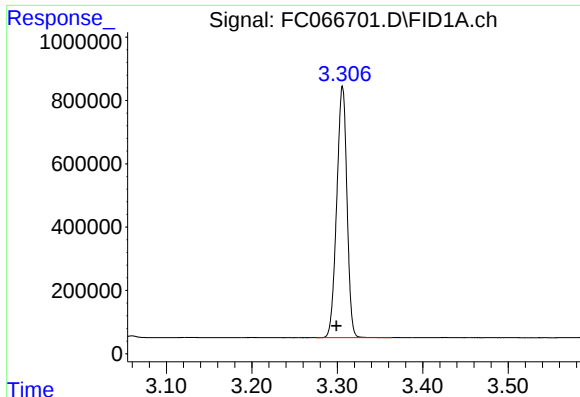
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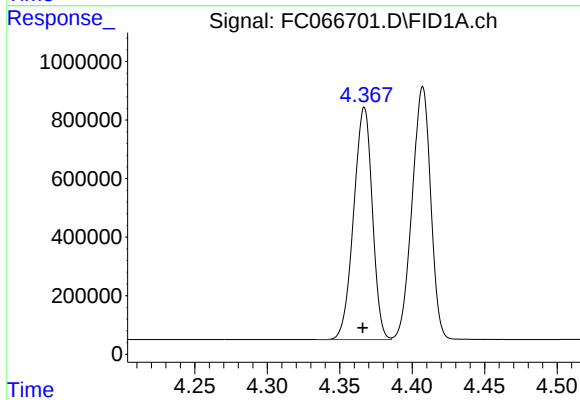
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: 0.007 min
Response: 6605835
Conc: 45.47 ug/ml

Instrument :
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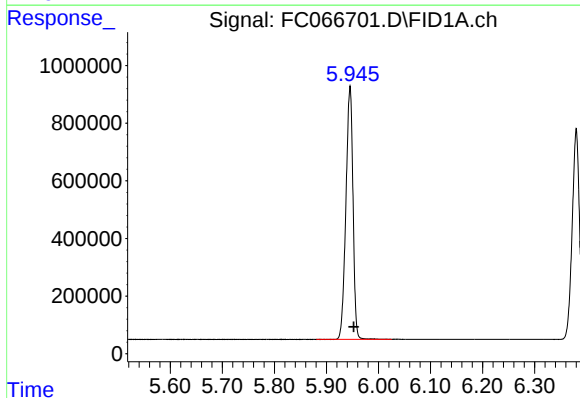
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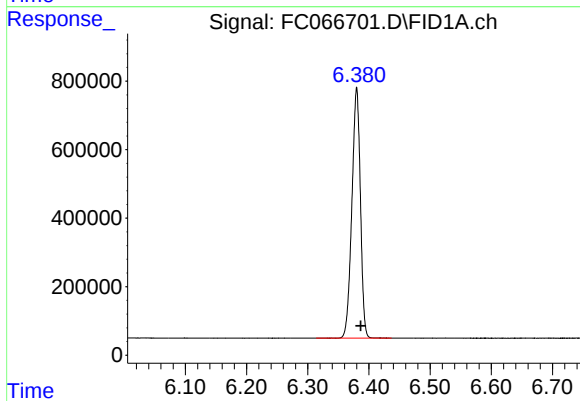
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 7099045
Conc: 47.59 ug/ml



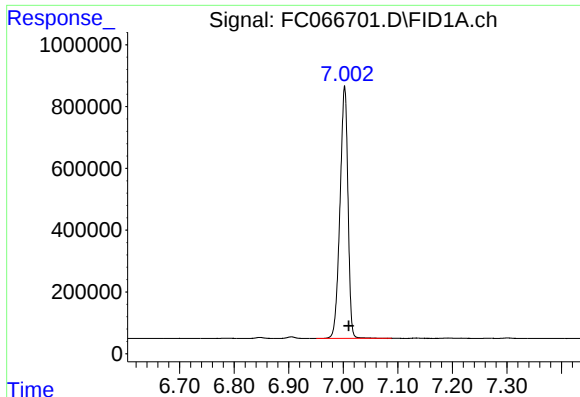
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 8273256
Conc: 50.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.007 min
Response: 7052803
Conc: 46.54 ug/ml



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

R.T.: 7.002 min
Delta R.T.: -0.008 min
Response: 8283375
Conc: 52.14 ug/ml

Instrument :

FID_C

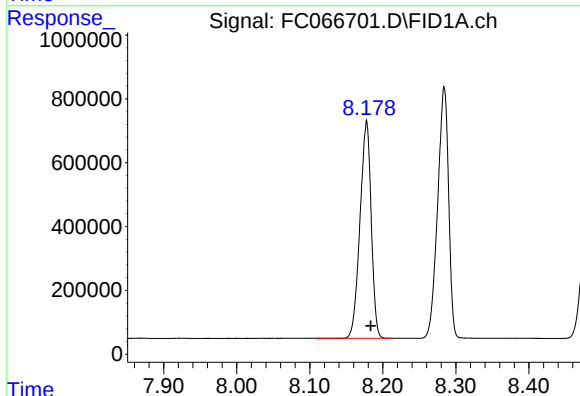
ClientSampleId :

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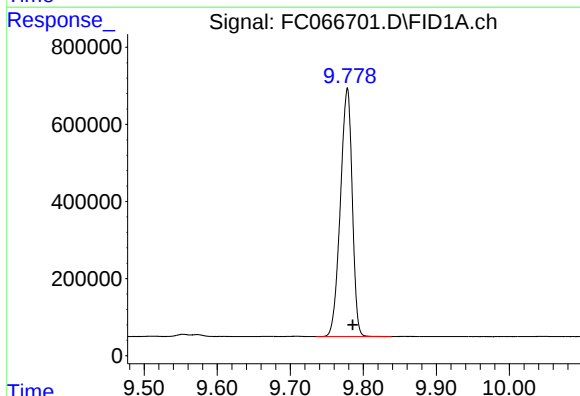
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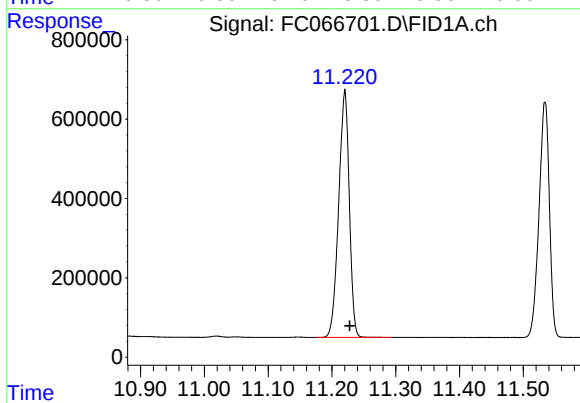
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.006 min
Response: 7244276
Conc: 47.76 ug/ml



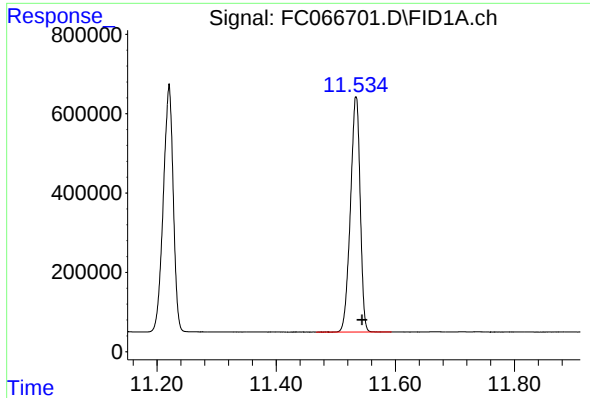
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.008 min
Response: 7278573
Conc: 45.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.008 min
Response: 7204774
Conc: 43.42 ug/ml



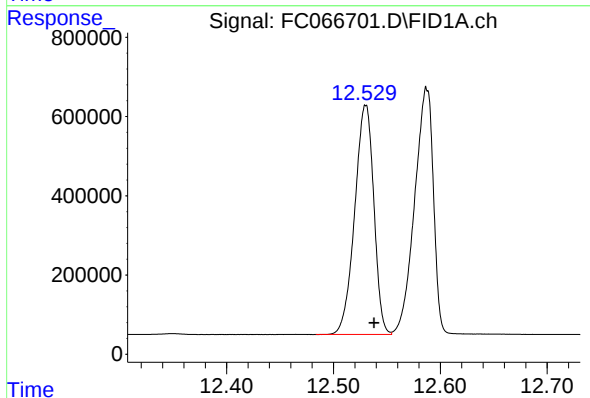
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 6715589
Conc: 38.93 ug/ml

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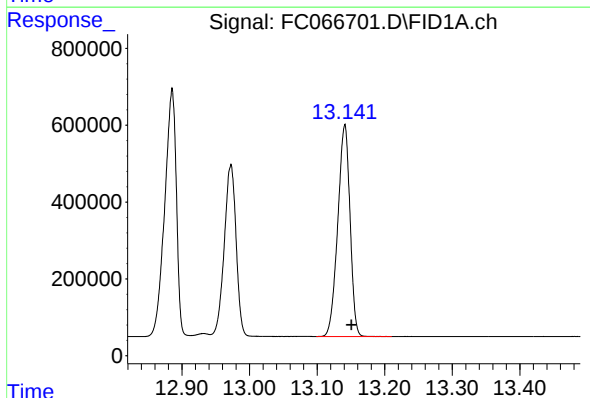
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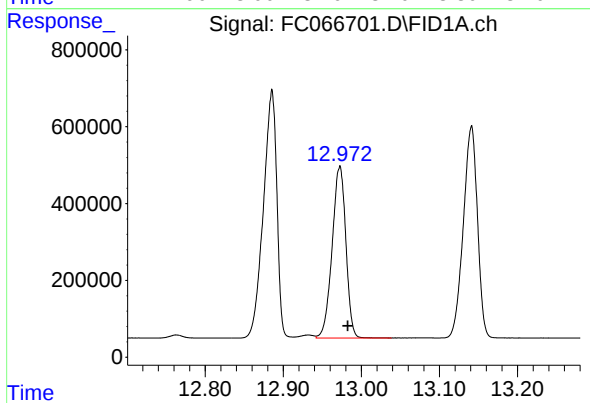
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.008 min
Response: 7195634
Conc: 44.26 ug/ml



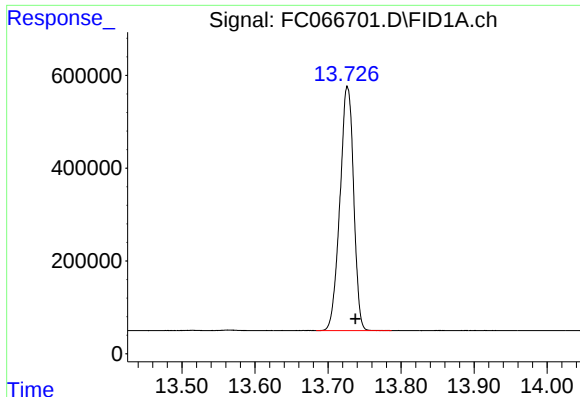
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 6940203
Conc: 43.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 5463178
Conc: 39.59 ug/ml



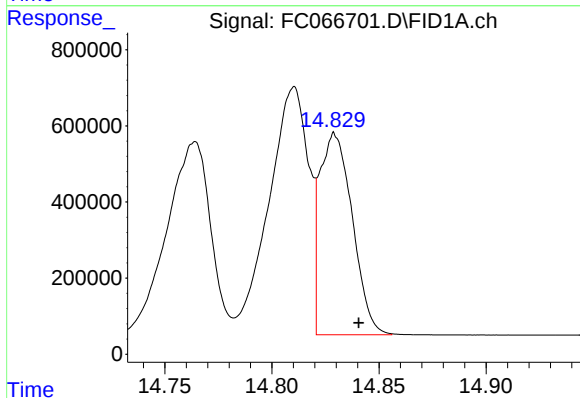
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.011 min
Response: 6859718
Conc: 42.79 ug/ml

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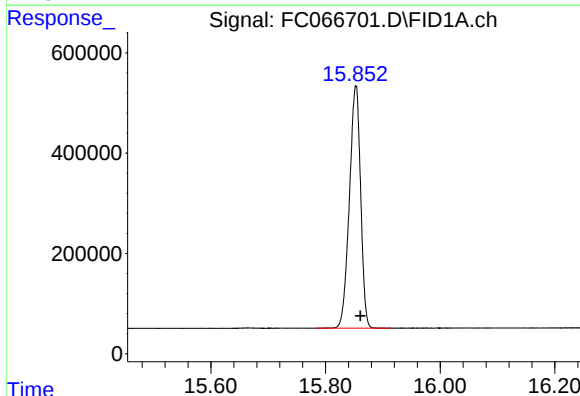
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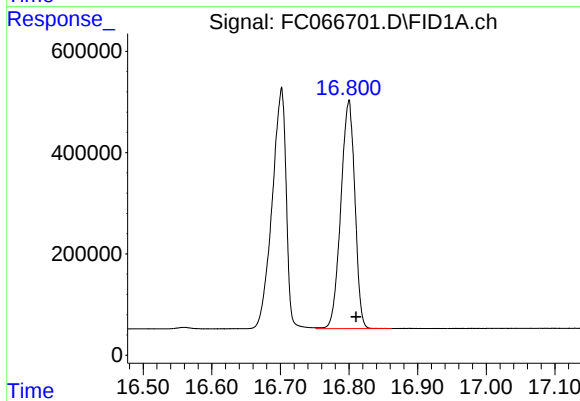
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.012 min
Response: 5516097
Conc: 34.76 ug/ml m



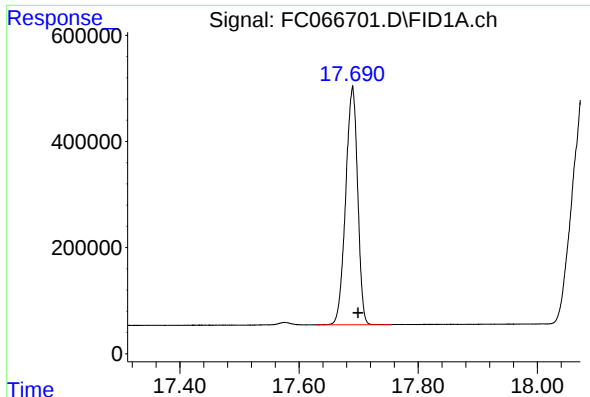
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.008 min
Response: 6566628
Conc: 43.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.011 min
Response: 6399798
Conc: 44.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.009 min
Response: 6272540
Conc: 44.90 ug/ml

Instrument :

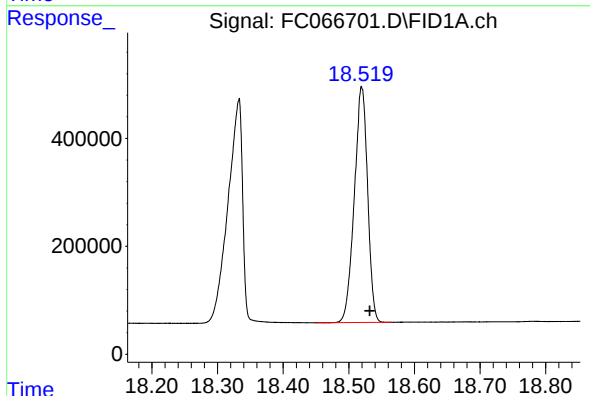
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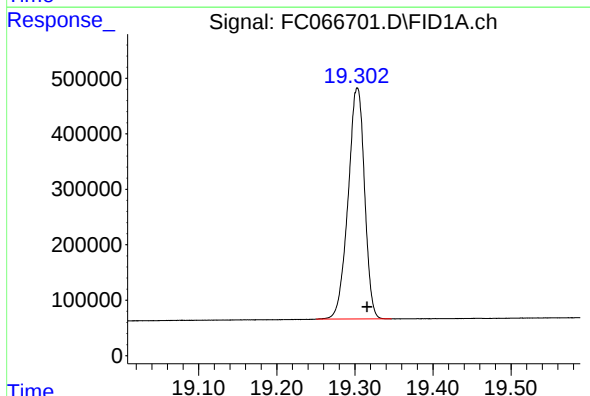
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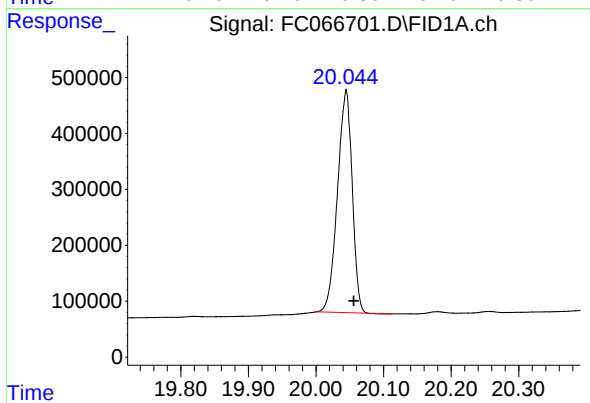
#18 n-Dotriacontane (C32)

R.T.: 18.520 min
Delta R.T.: -0.012 min
Response: 6149073
Conc: 46.59 ug/ml



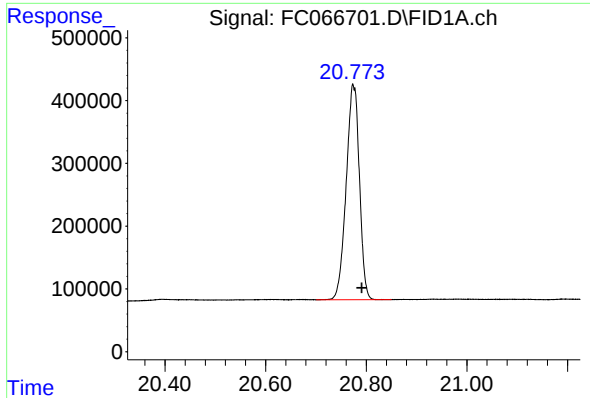
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.012 min
Response: 6104729
Conc: 49.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.012 min
Response: 6011896
Conc: 49.88 ug/ml



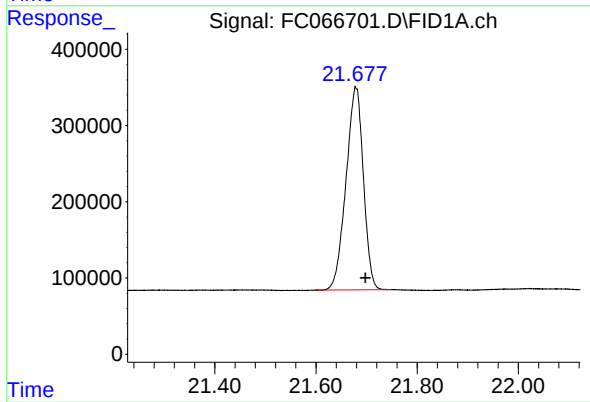
#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.016 min
Response: 6250445
Conc: 54.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.018 min
Response: 6335963
Conc: 56.41 ug/ml