

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066690.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 19:53
 Operator : YP/AJ
 Sample : P3111-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

3MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/01/2024

Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e

Quant Time: Jun 29 02:18:43 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	3793863	21.995 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
12) S 1-chlorooctadecane (S...	12.972	3097798	22.451 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
Target Compounds			
1) T n-Nonane (C9)	3.310	5876364	40.445 ug/ml
2) T n-Decane (C10)	4.370	6237605	41.818 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7285748	44.873 ug/ml
4) T n-Dodecane (C12)	6.383	6170610	40.715 ug/ml
5) T A~2-methylnaphthalene...	7.004	7224808	45.477 ug/ml
6) T n-Tetradecane (C14)	8.178	6422327	42.339 ug/ml
7) T n-Hexadecane (C16)	9.779	6571141	41.022 ug/ml
8) T n-Octadecane (C18)	11.221	6526702	39.335 ug/ml
10) T n-Eicosane (C20)	12.531	6774056	41.669 ug/ml
11) T n-Heneicosane (C21)	13.143	6424229	39.871 ug/ml
13) T n-Docosane (C22)	13.729	6491191	40.488 ug/ml
14) T n-Tetracosane (C24)	14.832	4878642	30.740 ug/mlm
15) T n-Hexacosane (C26)	15.854	5742697	37.609 ug/ml
16) T n-Octacosane (C28)	16.801	5751933	39.875 ug/mlm
17) T n-Tricontane (C30)	17.693	5737438	41.066 ug/ml
18) T n-Dotriacontane (C32)	18.523	5657891	42.872 ug/mlm
19) T n-Tetratriacontane (C34)	19.307	5592962	45.223 ug/ml
20) T n-Hexatriacontane (C36)	20.047	5466727	45.360 ug/ml
21) T n-Octatriacontane (C38)	20.776	5448422	47.648 ug/mlm
22) T n-Tetracontane (C40)	21.683	5481650	48.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P3111-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

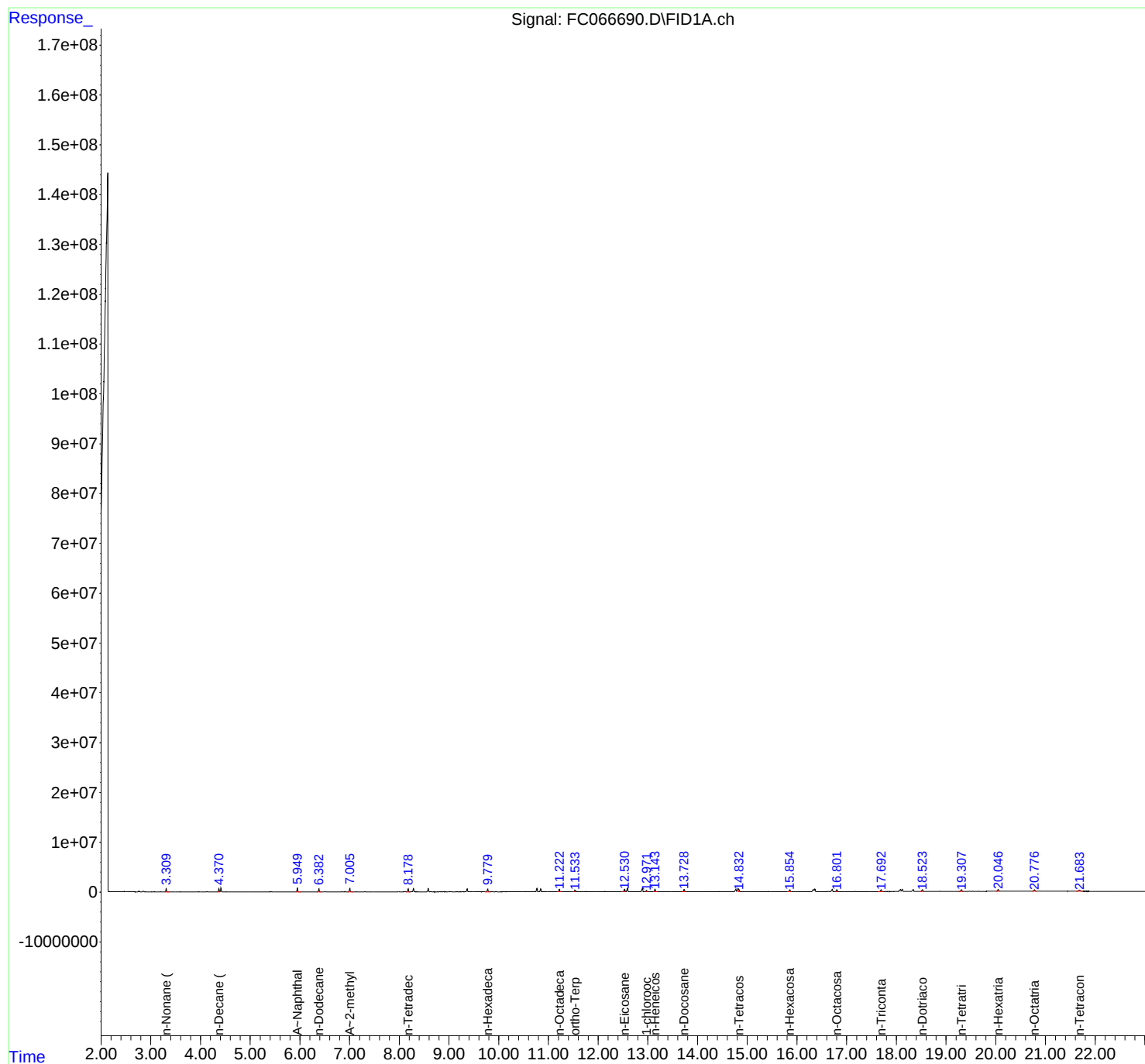
Instrument :
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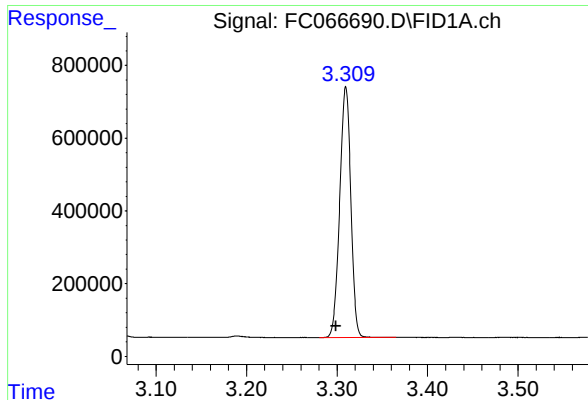
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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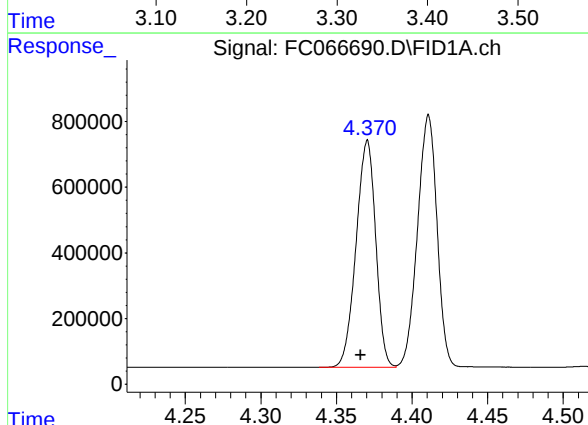
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.011 min
Response: 5876364
Conc: 40.44 ug/ml

Instrument :
FID_C
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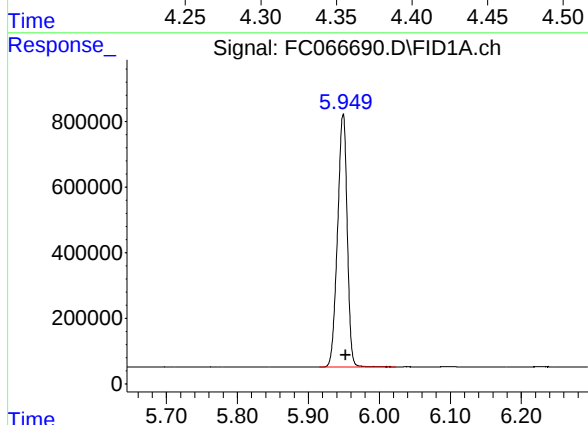
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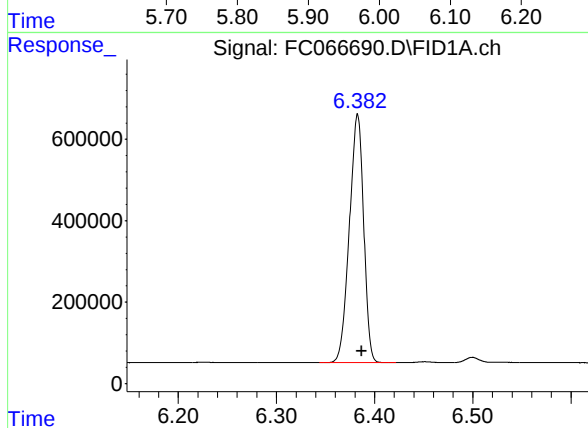
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.004 min
Response: 6237605
Conc: 41.82 ug/ml



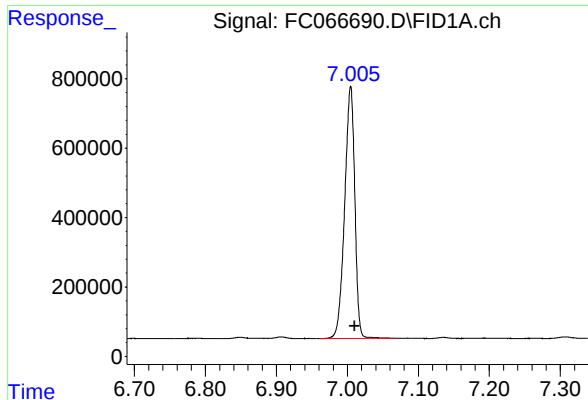
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 7285748
Conc: 44.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 6170610
Conc: 40.71 ug/ml



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

R.T.: 7.004 min
Delta R.T.: -0.006 min
Response: 7224808
Conc: 45.48 ug/ml

Instrument :

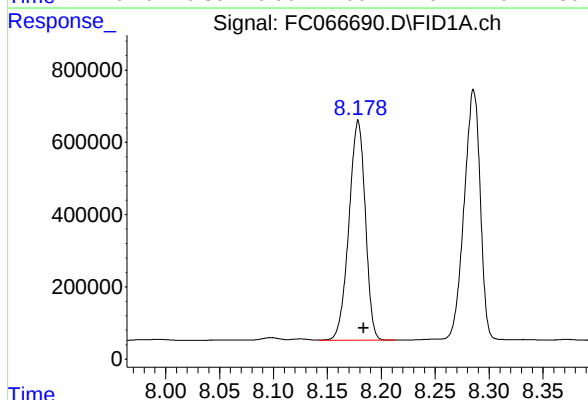
FID_C

ClientSampleId :

3MSD

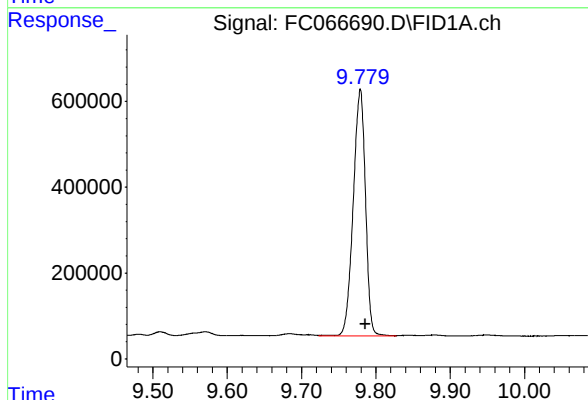
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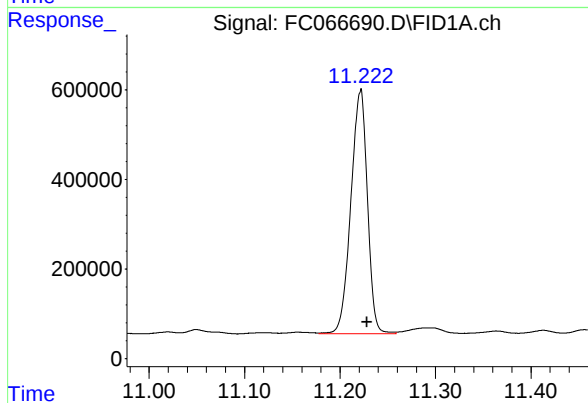
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 6422327
Conc: 42.34 ug/ml



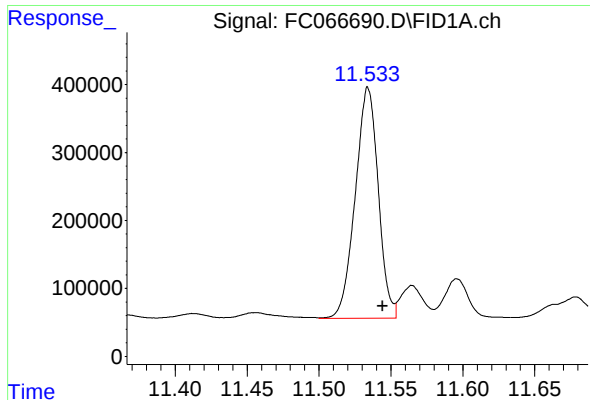
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.007 min
Response: 6571141
Conc: 41.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.007 min
Response: 6526702
Conc: 39.34 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 3793863
Conc: 22.00 ug/ml

Instrument :

FID_C

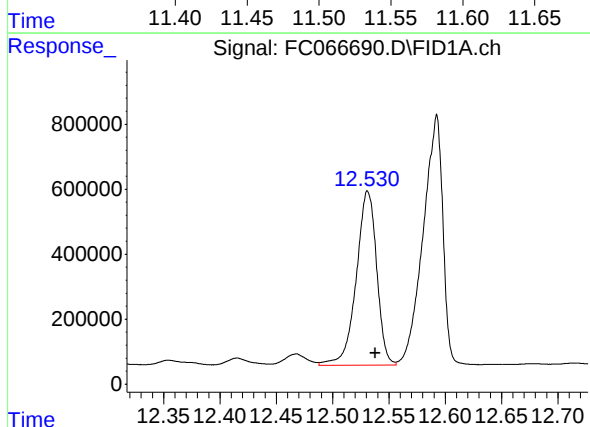
ClientSampleId :

3MSD

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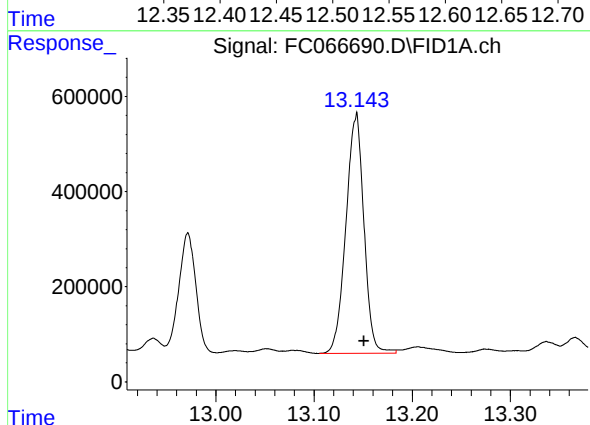
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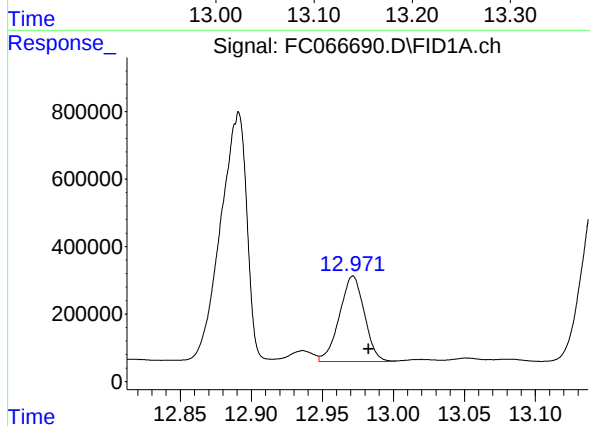
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.007 min
Response: 6774056
Conc: 41.67 ug/ml



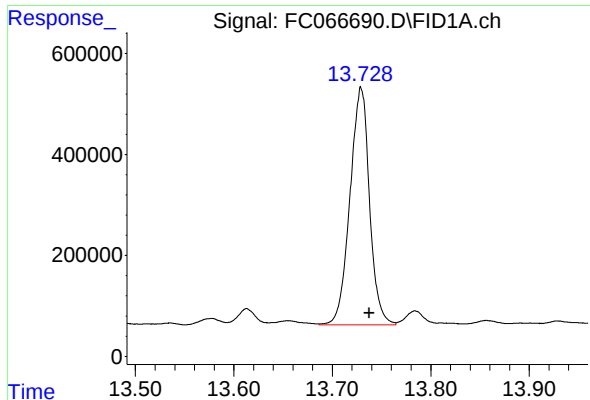
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 6424229
Conc: 39.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 3097798
Conc: 22.45 ug/ml



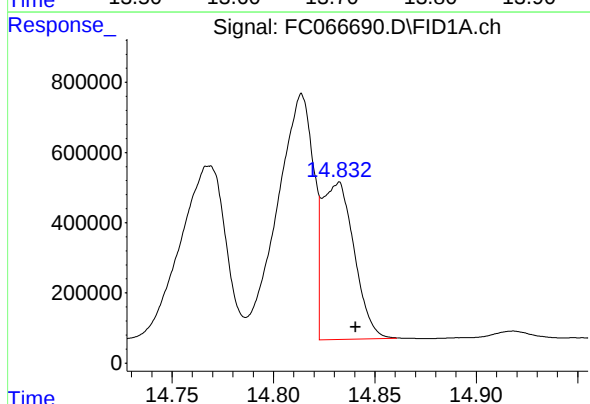
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.009 min
Response: 6491191
Conc: 40.49 ug/ml

Instrument :
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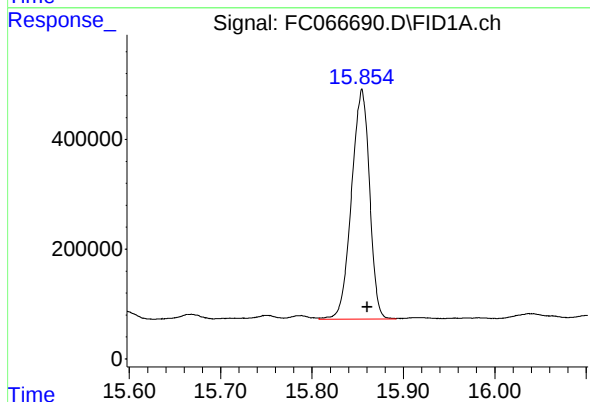
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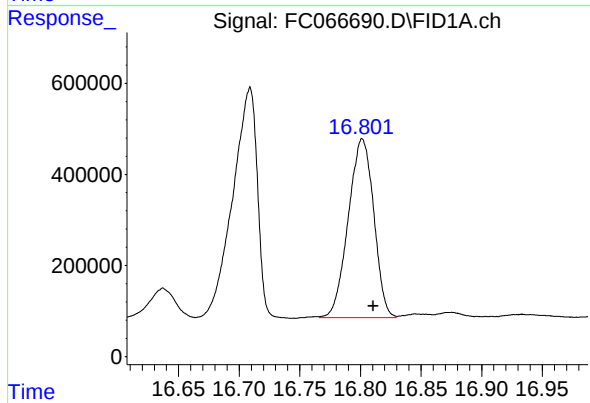
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 4878642
Conc: 30.74 ug/ml m



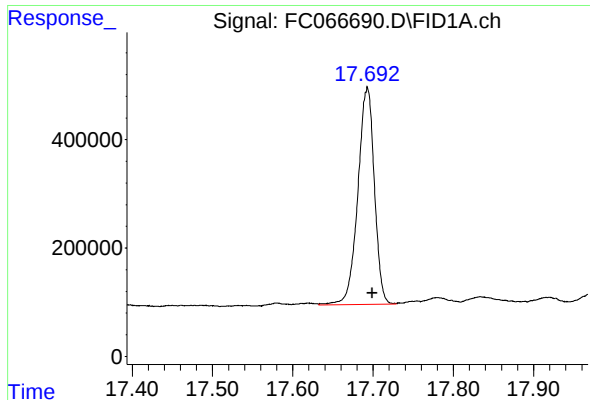
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.006 min
Response: 5742697
Conc: 37.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.010 min
Response: 5751933
Conc: 39.88 ug/ml m



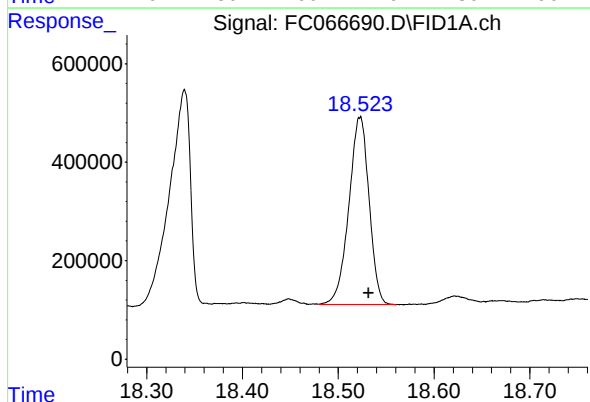
#17 n-Tricontane (C30)

R.T.: 17.693 min
Delta R.T.: -0.006 min
Response: 5737438
Conc: 41.07 ug/ml

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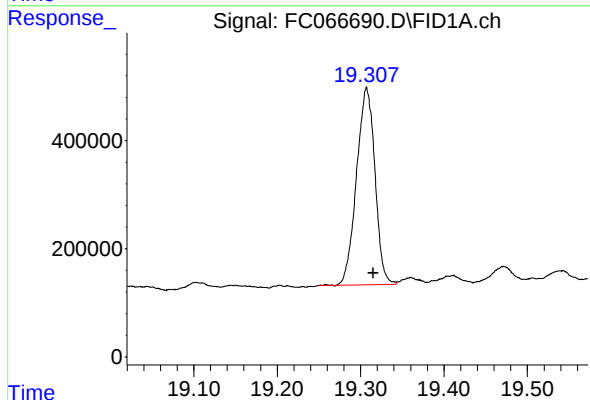
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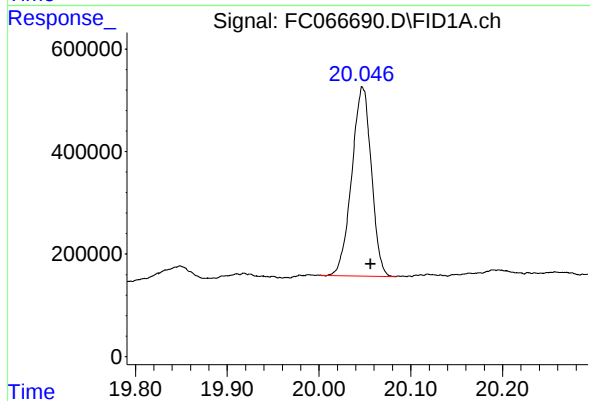
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.009 min
Response: 5657891
Conc: 42.87 ug/ml



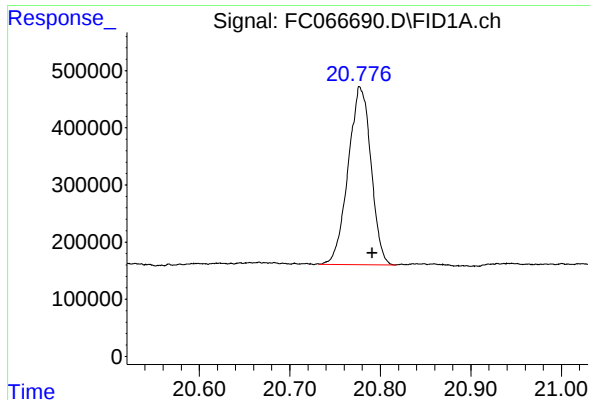
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.008 min
Response: 5592962
Conc: 45.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 5466727
Conc: 45.36 ug/ml



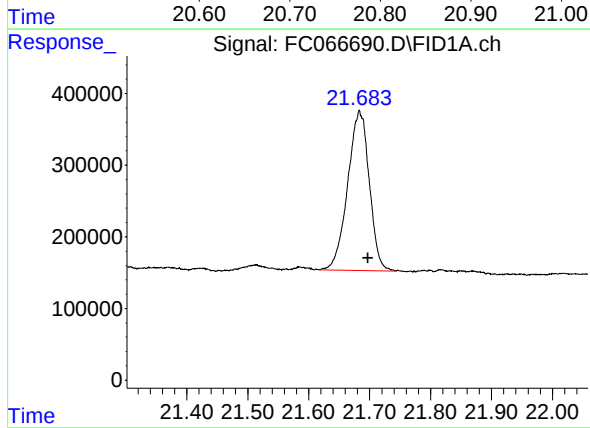
#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.015 min
Response: 5448422
Conc: 47.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.015 min
Response: 5481650
Conc: 48.81 ug/ml