

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040725AL\
 Data File : FC068499.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2025 15:38
 Operator : YP/AJ
 Sample : PB167477BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB167477BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e

Quant Time: Apr 08 02:34:01 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M

Quant Title : GC Extractables

QLast Update : Mon Apr 07 16:09:59 2025

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)	11.723	5017440	38.909 ug/ml
Spiked Amount 50.000		Recovery =	77.82%
12) S 1-chlorooctadecane (S...	13.155	3829400	41.629 ug/ml
Spiked Amount 50.000		Recovery =	83.26%
Target Compounds			
1) T n-Nonane (C9)	3.464	4527194	40.627 ug/ml
2) T n-Decane (C10)	4.534	4837407	41.543 ug/ml
3) T A~Naphthalene (C11.7)	6.128	5511580	44.068 ug/ml
4) T n-Dodecane (C12)	6.555	4958100	43.841 ug/ml
5) T A~2-methylnaphthalene...	7.185	5022144	41.967 ug/ml
6) T n-Tetradecane (C14)	8.353	4912505	44.017 ug/ml
7) T n-Hexadecane (C16)	9.954	4984029	43.594 ug/ml
8) T n-Octadecane (C18)	11.398	4949660	43.170 ug/ml
10) T n-Eicosane (C20)	12.710	5085985	46.494 ug/ml
11) T n-Heneicosane (C21)	13.322	4883757	45.790 ug/ml
13) T n-Docosane (C22)	13.909	4844280	44.869 ug/ml
14) T n-Tetracosane (C24)	15.008	9965257	89.396 ug/ml
15) T n-Hexacosane (C26)	16.038	4743872	42.652 ug/ml
16) T n-Octacosane (C28)	16.987	4726739	42.689 ug/ml
17) T n-Tricontane (C30)	17.877	4634804	41.928 ug/ml
18) T n-Dotriacontane (C32)	18.711	4475417	42.992 ug/ml
19) T n-Tetratriacontane (C34)	19.496	4317114	48.077 ug/ml
20) T n-Hexatriacontane (C36)	20.236	3968013	53.005 ug/ml
21) T n-Octatriacontane (C38)	21.016	3656573	58.487 ug/ml
22) T n-Tetracontane (C40)	22.000	3268804	69.965 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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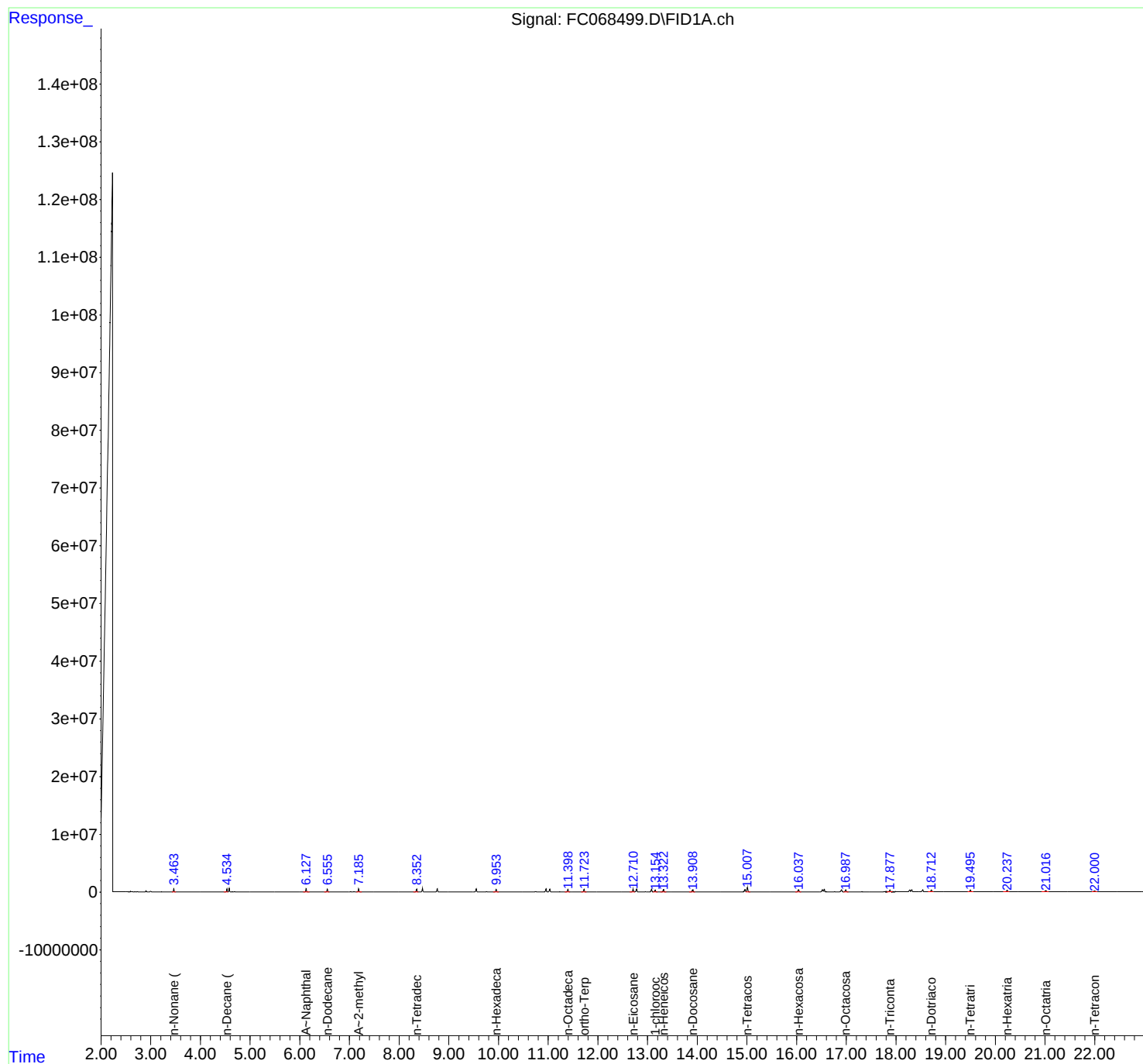
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PB167477BS

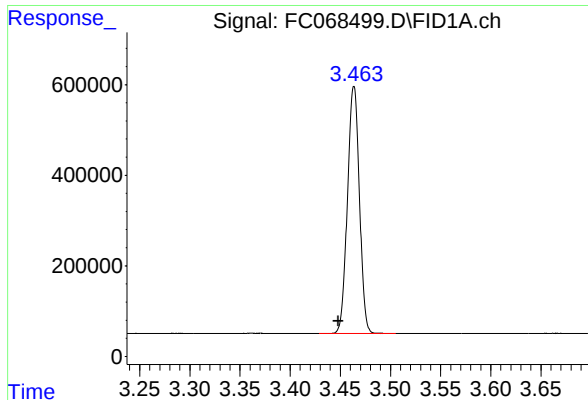
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Quant Title : GC Extractables
QLast Update : Mon Apr 07 16:09:59 2025
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





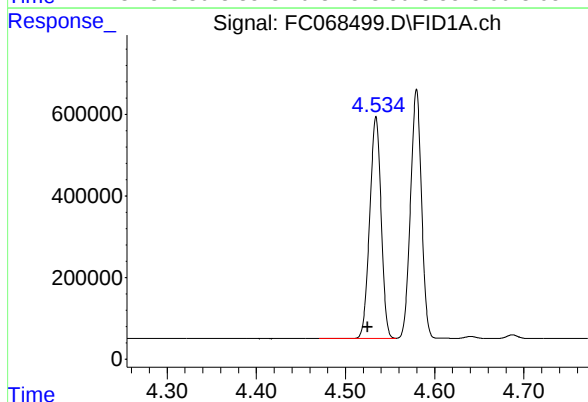
#1 n-Nonane (C9)

R.T.: 3.464 min
Delta R.T.: 0.016 min
Response: 4527194
Conc: 40.63 ug/ml

Instrument :
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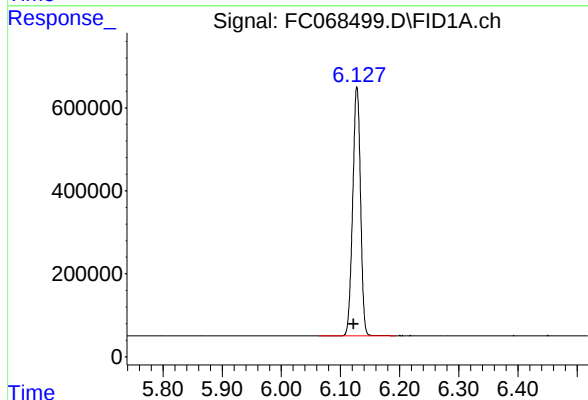
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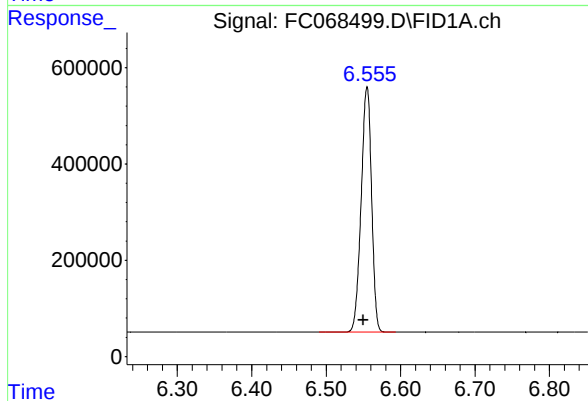
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: 0.009 min
Response: 4837407
Conc: 41.54 ug/ml



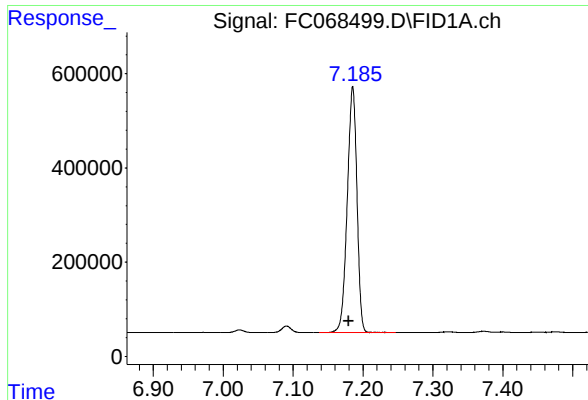
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.006 min
Response: 5511580
Conc: 44.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 4958100
Conc: 43.84 ug/ml



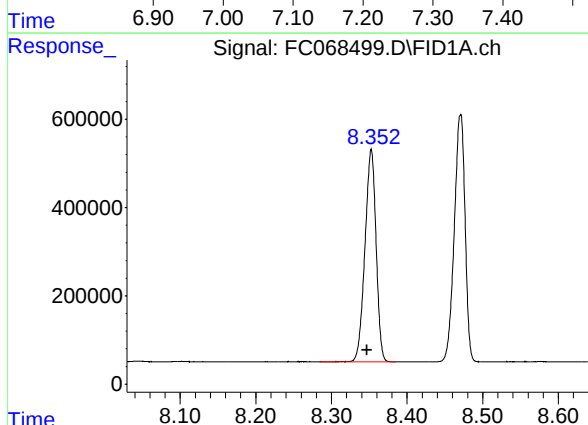
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.006 min
Response: 5022144
Conc: 41.97 ug/ml

Instrument :
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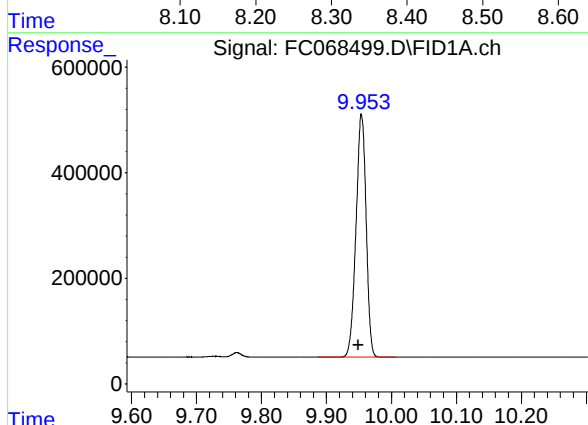
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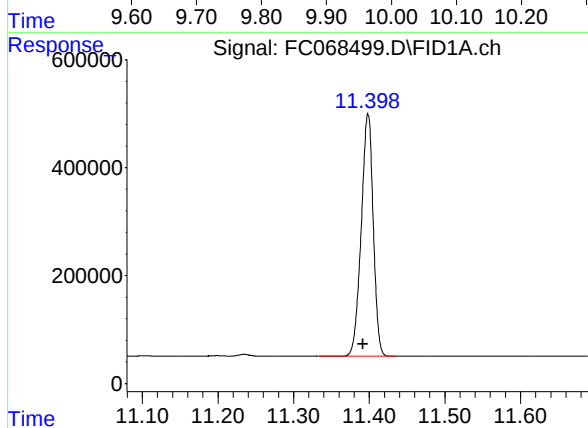
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.006 min
Response: 4912505
Conc: 44.02 ug/ml



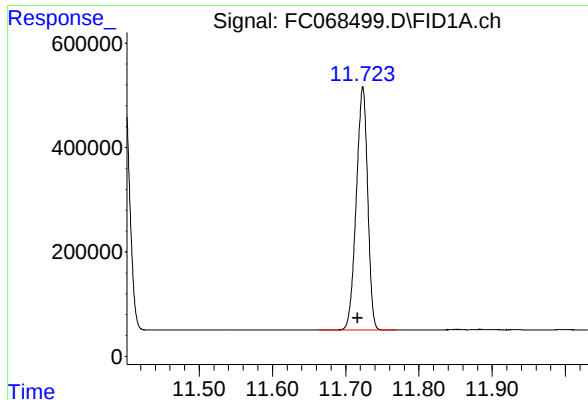
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.005 min
Response: 4984029
Conc: 43.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 4949660
Conc: 43.17 ug/ml



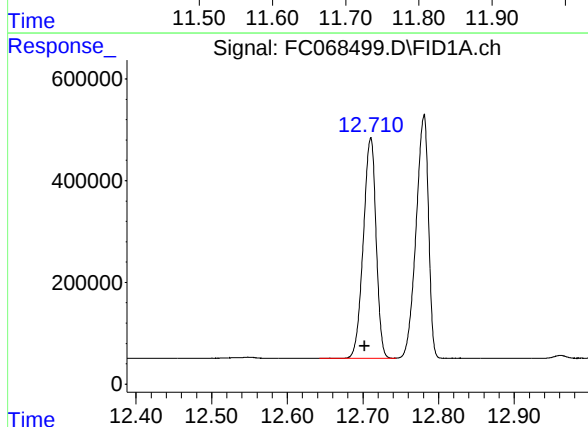
#9 ortho-Terphenyl (SURR)

R.T.: 11.723 min
Delta R.T.: 0.007 min
Response: 5017440
Conc: 38.91 ug/ml

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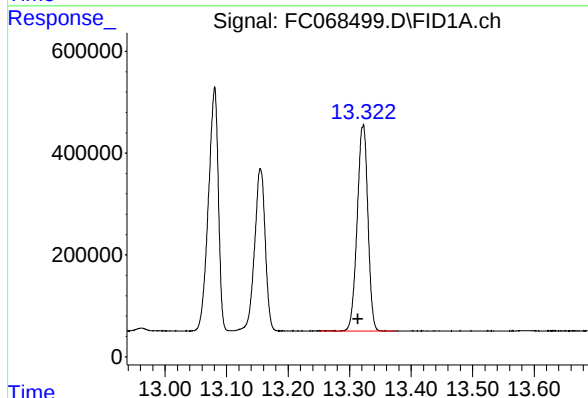
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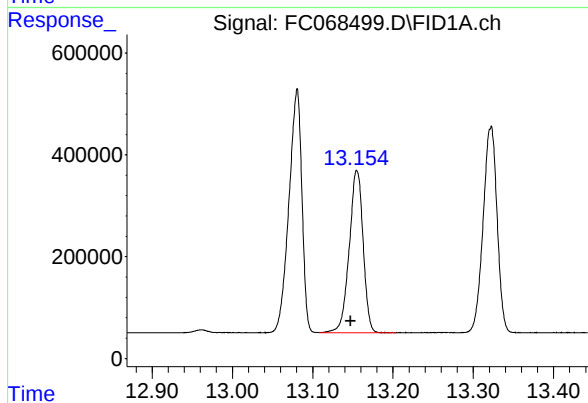
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: 0.008 min
Response: 5085985
Conc: 46.49 ug/ml



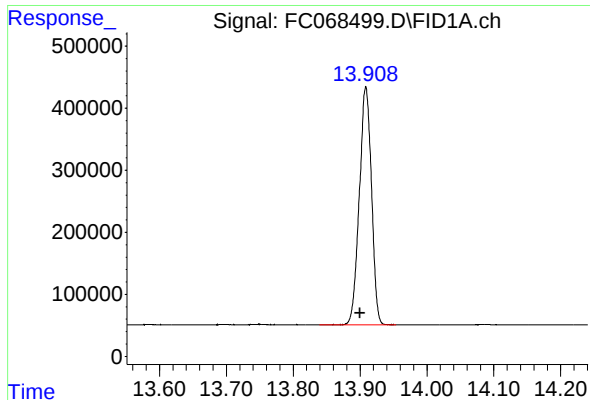
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.008 min
Response: 4883757
Conc: 45.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min
Delta R.T.: 0.008 min
Response: 3829400
Conc: 41.63 ug/ml



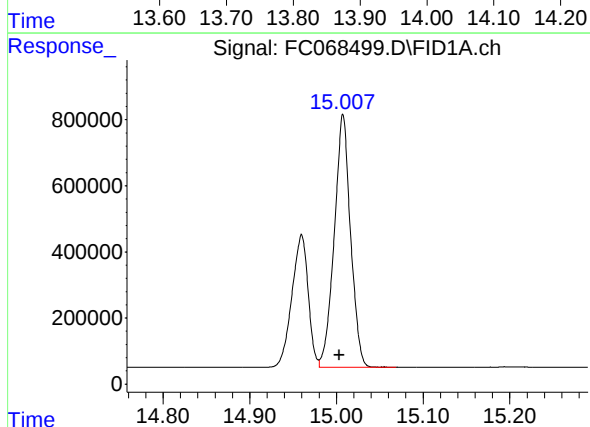
#13 n-Docosane (C22)

R.T.: 13.909 min
Delta R.T.: 0.009 min
Response: 4844280
Conc: 44.87 ug/ml

Instrument :
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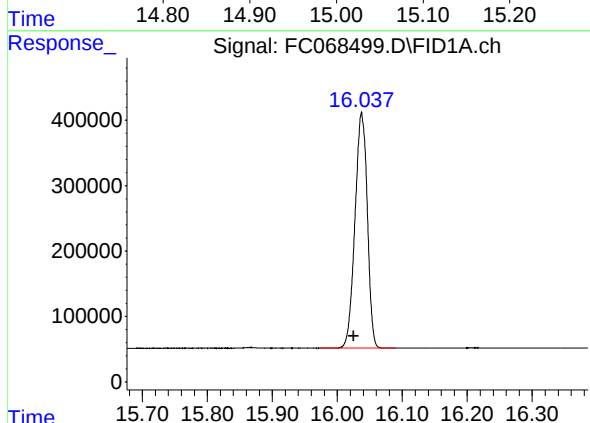
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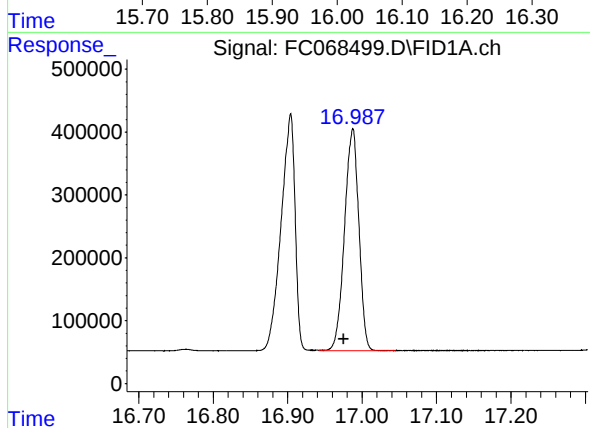
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.004 min
Response: 9965257
Conc: 89.40 ug/ml



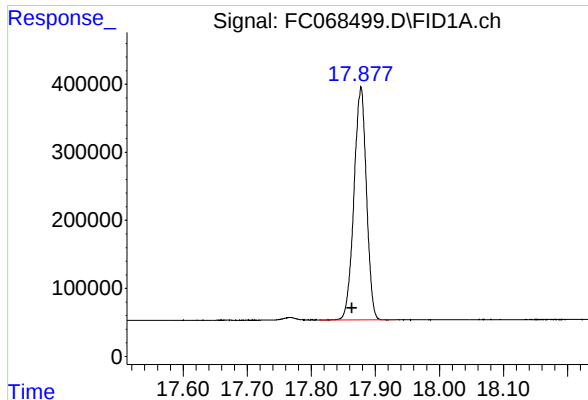
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.013 min
Response: 4743872
Conc: 42.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.012 min
Response: 4726739
Conc: 42.69 ug/ml



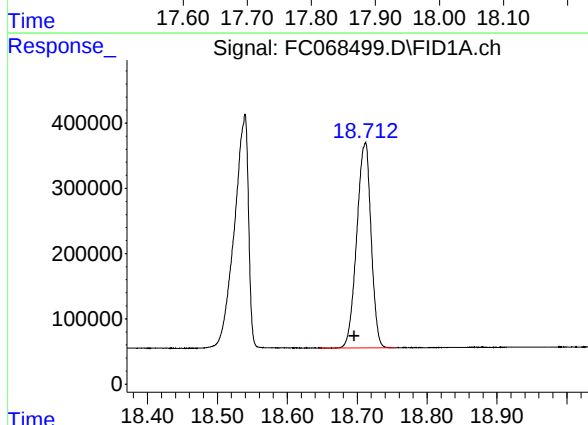
#17 n-Tricontane (C30)

R.T.: 17.877 min
Delta R.T.: 0.014 min
Response: 4634804
Conc: 41.93 ug/ml

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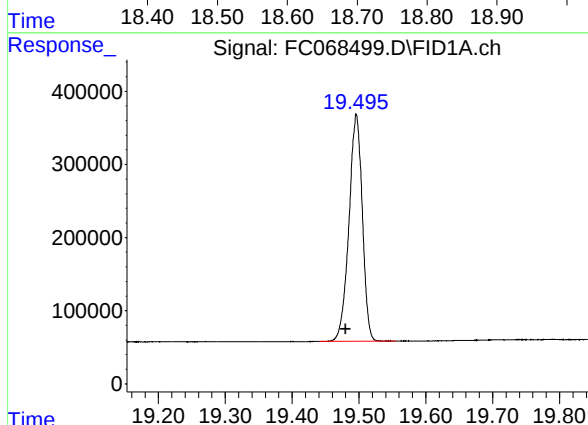
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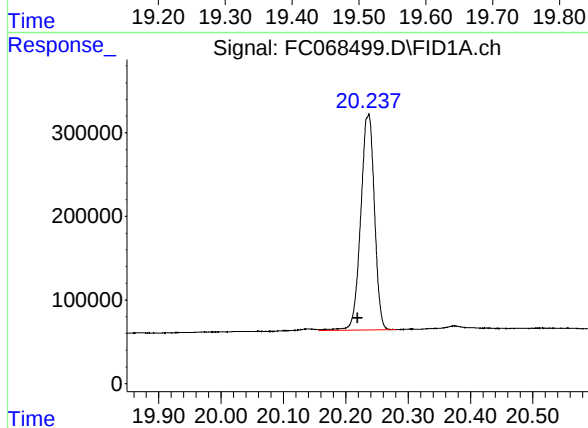
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: 0.015 min
Response: 4475417
Conc: 42.99 ug/ml



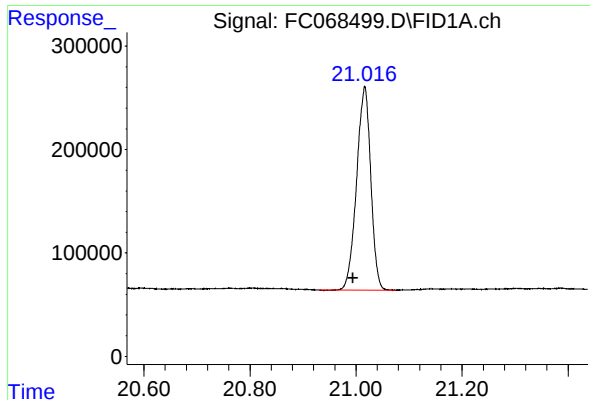
#19 n-Tetratriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.016 min
Response: 4317114
Conc: 48.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.236 min
Delta R.T.: 0.017 min
Response: 3968013
Conc: 53.00 ug/ml



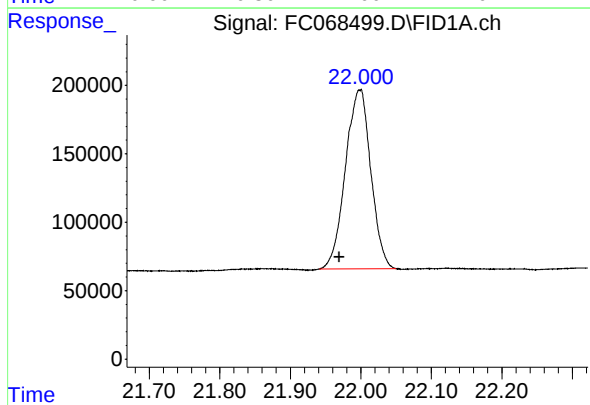
#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: 0.022 min
Response: 3656573
Conc: 58.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.031 min
Response: 3268804
Conc: 69.97 ug/ml m