

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067107.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2024 01:03
 Operator : YP/AJ
 Sample : P3907-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-701-166MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: sample.E
 Quant Time: Sep 11 04:21:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.509	4455681	31.999 ug/ml
Spiked Amount 50.000		Recovery =	64.00%
12) S 1-chlorooctadecane (S...	12.946	3415113	34.960 ug/ml
Spiked Amount 50.000		Recovery =	69.92%
Target Compounds			
1) T n-Nonane (C9)	3.283	3663349	27.617 ug/ml
2) T n-Decane (C10)	4.347	4153019	30.922 ug/ml
3) T A~Naphthalene (C11.7)	5.925	4799549	33.770 ug/ml
4) T n-Dodecane (C12)	6.363	4642671	34.684 ug/ml
5) T A~2-methylnaphthalene...	6.981	4692512	35.140 ug/ml
6) T n-Tetradecane (C14)	8.158	5384882	41.783 ug/ml
7) T n-Hexadecane (C16)	9.757	5769001	44.747 ug/ml
8) T n-Octadecane (C18)	11.197	5856823	45.777 ug/ml
10) T n-Eicosane (C20)	12.506	5976823	49.760 ug/ml
11) T n-Heneicosane (C21)	13.117	5689298	48.712 ug/ml
13) T n-Docosane (C22)	13.703	5746263	49.768 ug/ml
14) T n-Tetracosane (C24)	14.804	5015216	44.163 ug/ml
15) T n-Hexacosane (C26)	15.825	5217995	47.082 ug/ml
16) T n-Octacosane (C28)	16.773	5326280	49.309 ug/ml
17) T n-Tricontane (C30)	17.661	5060040	46.519 ug/ml
18) T n-Dotriacontane (C32)	18.491	5040246	48.322 ug/ml
19) T n-Tetratriacontane (C34)	19.274	4920920	53.338 ug/ml
20) T n-Hexatriacontane (C36)	20.014	4550673	57.423 ug/mlm
21) T n-Octatriacontane (C38)	20.738	4419360	58.834 ug/ml
22) T n-Tetracontane (C40)	21.631	4244518	60.753 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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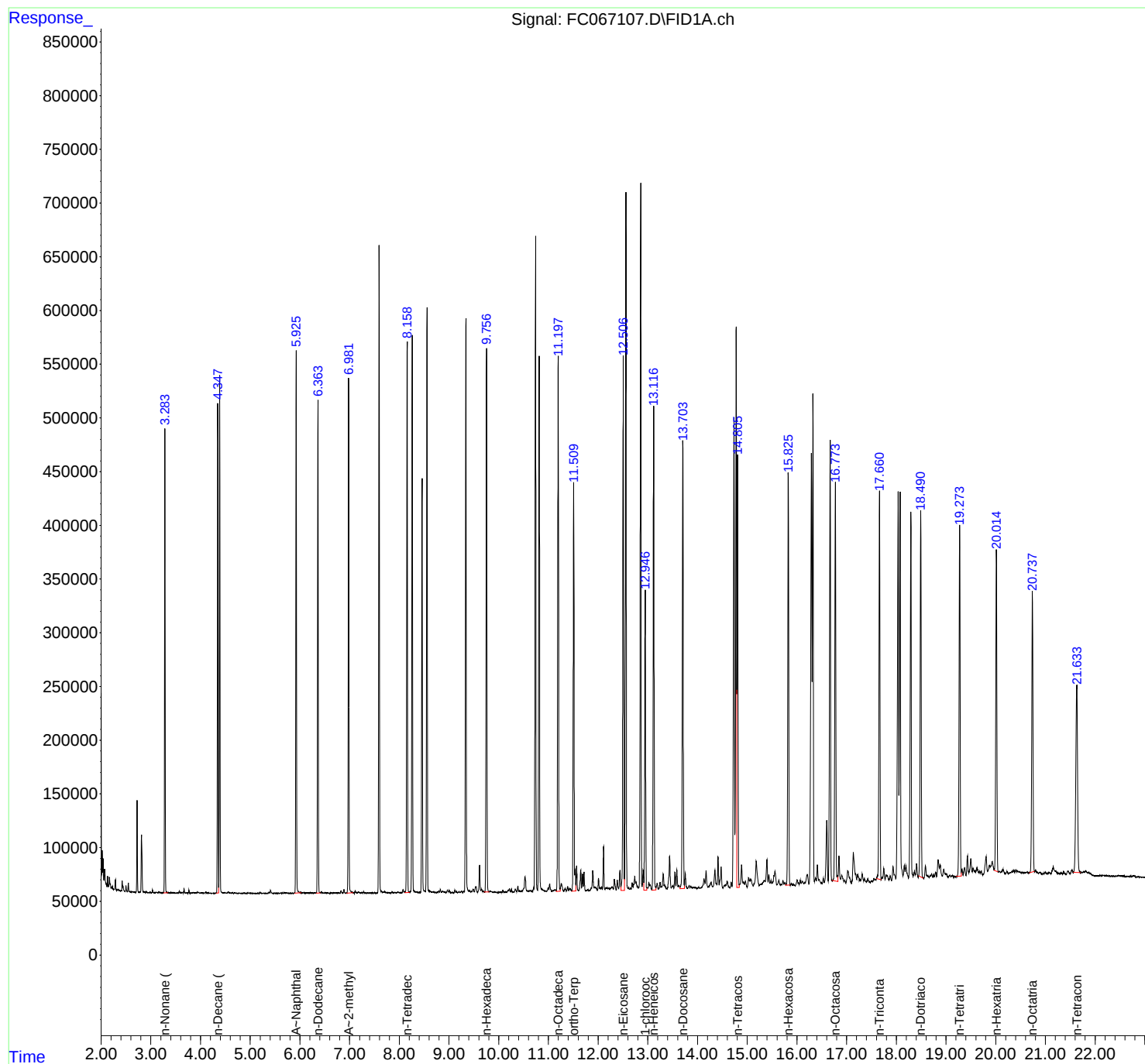
Instrument :
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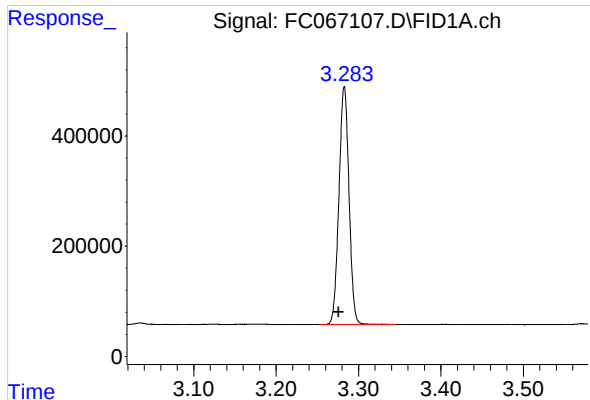
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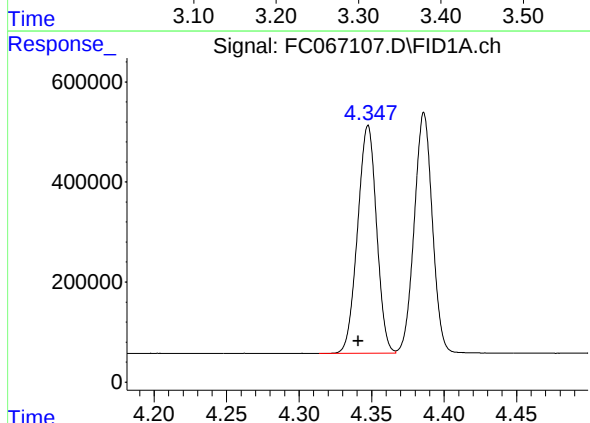
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.007 min
Response: 3663349
Conc: 27.62 ug/ml

Instrument :
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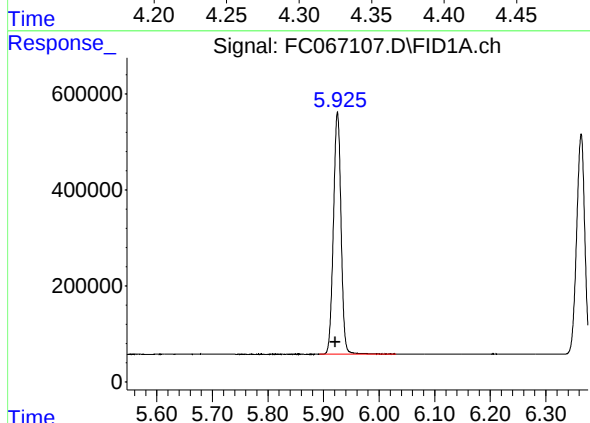
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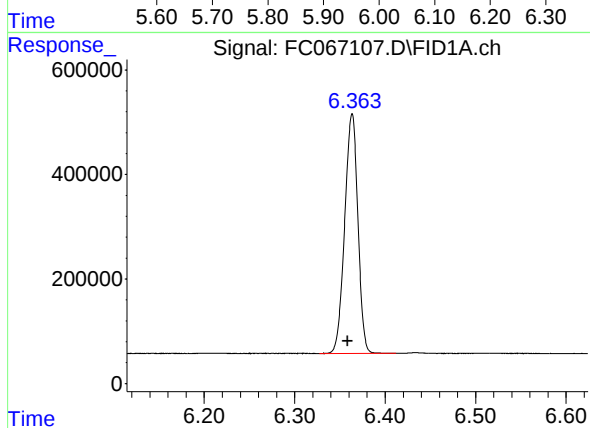
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.007 min
Response: 4153019
Conc: 30.92 ug/ml



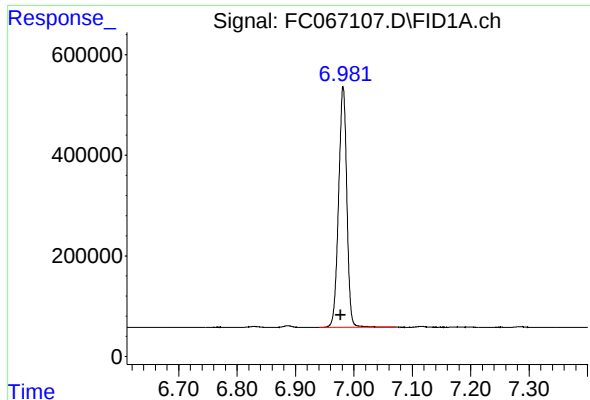
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.004 min
Response: 4799549
Conc: 33.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 4642671
Conc: 34.68 ug/ml



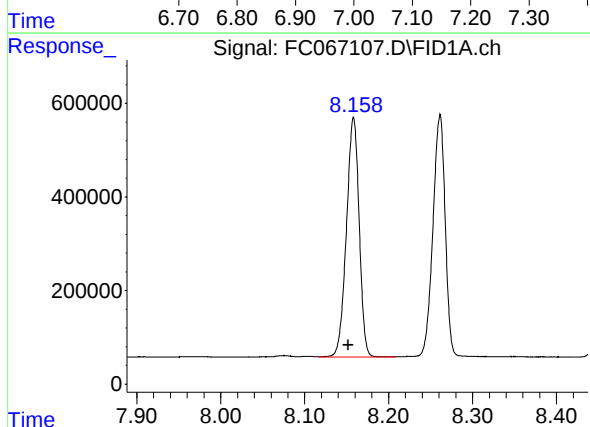
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 4692512
Conc: 35.14 ug/ml

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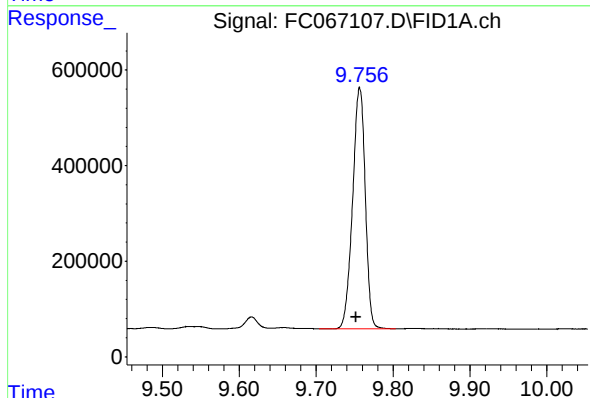
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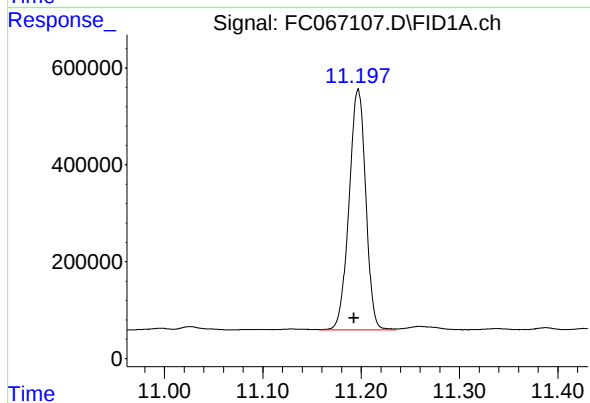
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 5384882
Conc: 41.78 ug/ml



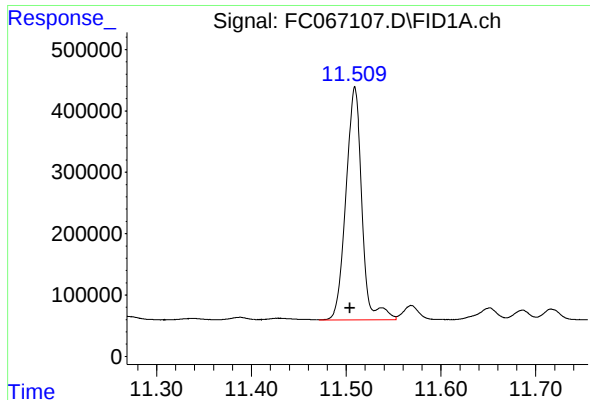
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.005 min
Response: 5769001
Conc: 44.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: 0.004 min
Response: 5856823
Conc: 45.78 ug/ml



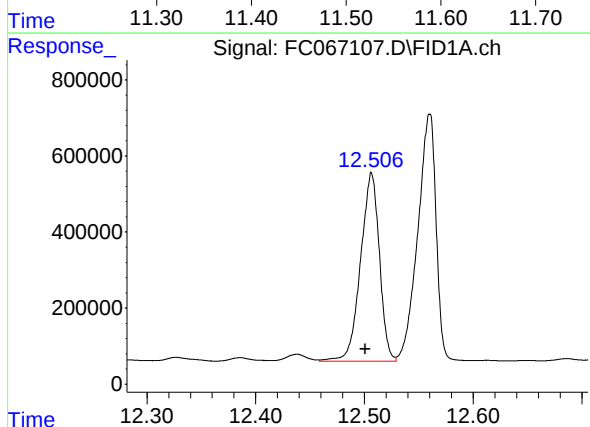
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.005 min
Response: 4455681
Conc: 32.00 ug/ml

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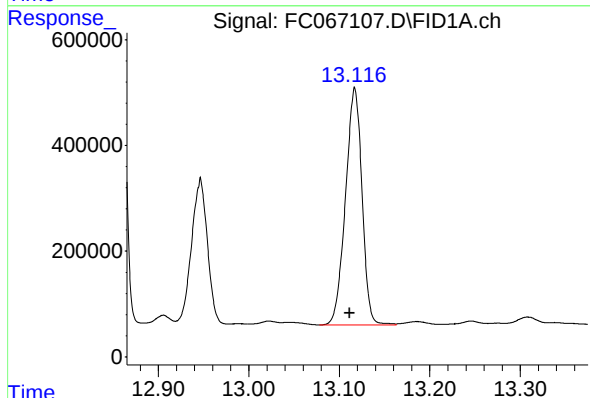
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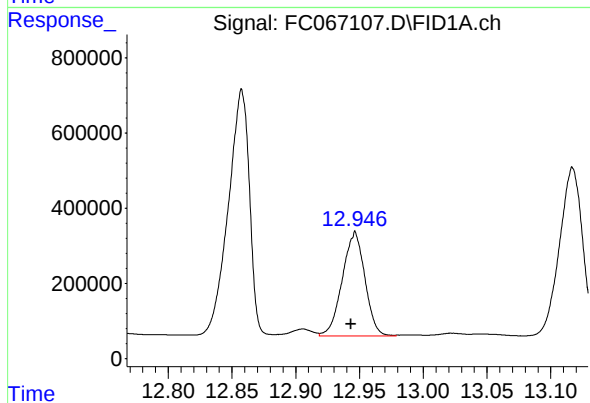
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.005 min
Response: 5976823
Conc: 49.76 ug/ml



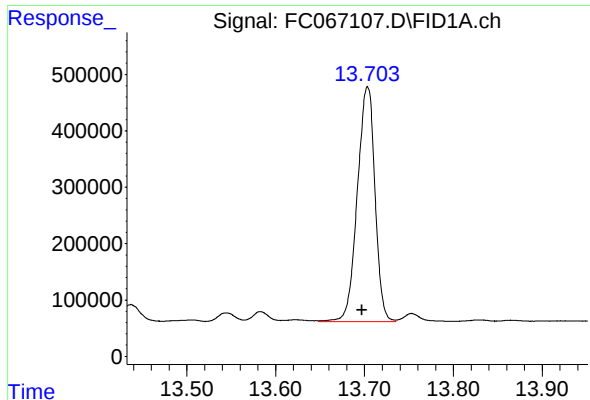
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.005 min
Response: 5689298
Conc: 48.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 3415113
Conc: 34.96 ug/ml



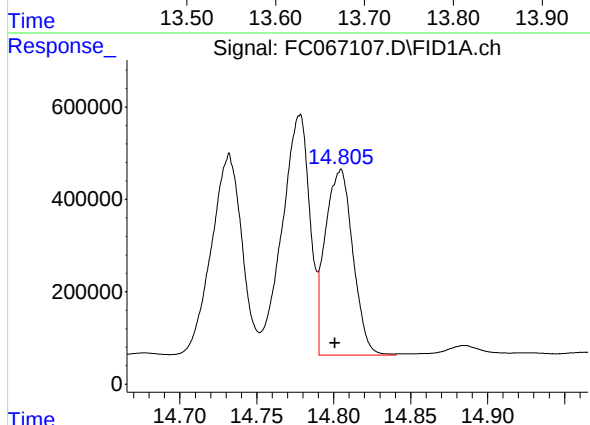
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.006 min
Response: 5746263
Conc: 49.77 ug/ml

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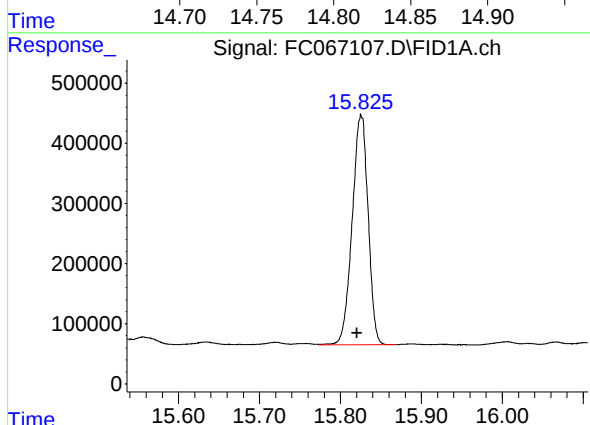
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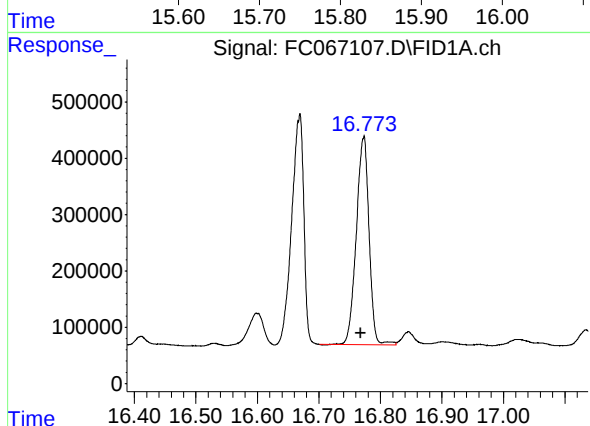
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.003 min
Response: 5015216
Conc: 44.16 ug/ml



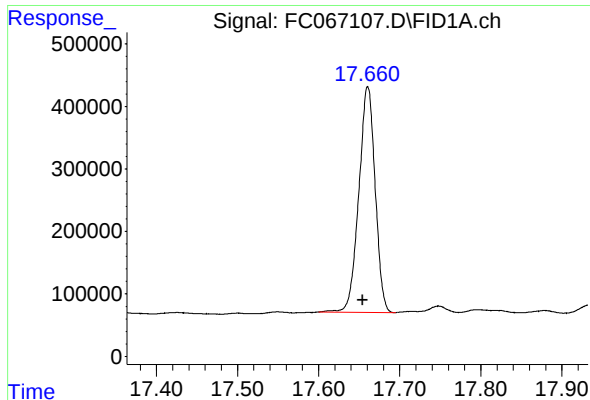
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.005 min
Response: 5217995
Conc: 47.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.005 min
Response: 5326280
Conc: 49.31 ug/ml



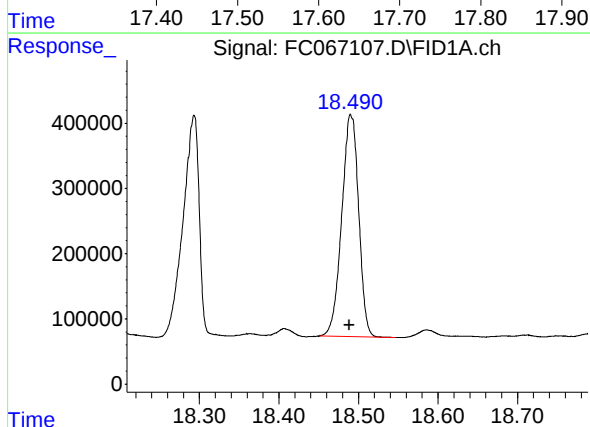
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: 0.006 min
Response: 5060040
Conc: 46.52 ug/ml

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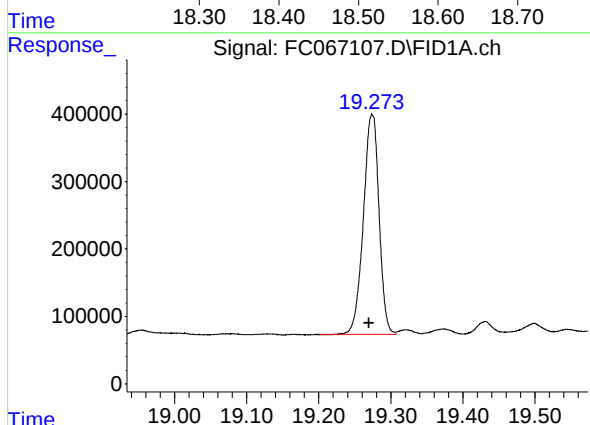
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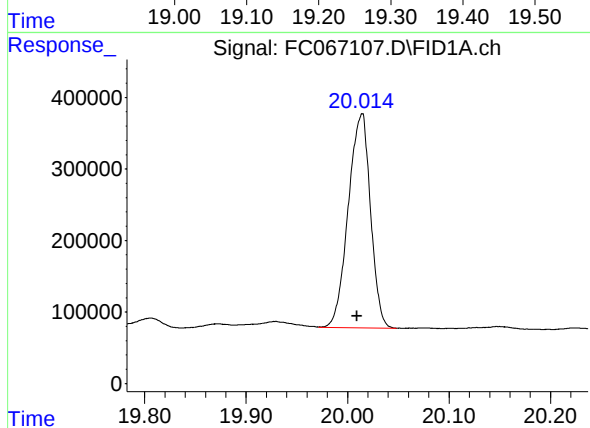
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.002 min
Response: 5040246
Conc: 48.32 ug/ml



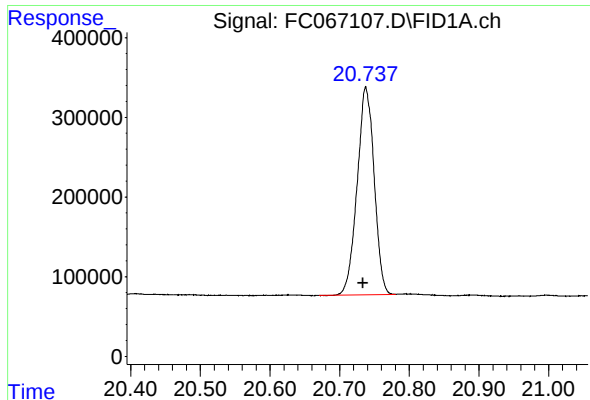
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.004 min
Response: 4920920
Conc: 53.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.005 min
Response: 4550673
Conc: 57.42 ug/ml m



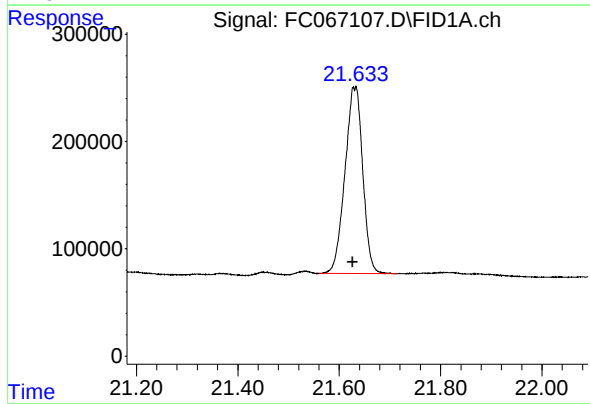
#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.005 min
Response: 4419360
Conc: 58.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: 0.004 min
Response: 4244518
Conc: 60.75 ug/ml