

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112524AL\
 Data File : FC067867.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2024 19:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
 Quant Time: Nov 26 00:11:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.500	3823452	19.721 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	12.937	2868568	19.761 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.287	3293640	20.192 ug/ml
2) T n-Decane (C10)	4.349	3406817	20.544 ug/ml
3) T A~Naphthalene (C11.7)	5.925	3741907	20.430 ug/ml
4) T n-Dodecane (C12)	6.362	3474009	20.626 ug/ml
5) T A~2-methylnaphthalene...	6.979	3628779	20.461 ug/ml
6) T n-Tetradecane (C14)	8.152	3456810	20.641 ug/ml
7) T n-Hexadecane (C16)	9.749	3564114	20.566 ug/mlm
8) T n-Octadecane (C18)	11.188	3595626	20.437 ug/ml
10) T n-Eicosane (C20)	12.495	3436481	20.408 ug/ml
11) T n-Heneicosane (C21)	13.105	3289498	19.992 ug/ml
13) T n-Docosane (C22)	13.690	3390100	20.817 ug/ml
14) T n-Tetracosane (C24)	14.792	3549388	22.131 ug/ml
15) T n-Hexacosane (C26)	15.810	3600953	23.253 ug/ml
16) T n-Octacosane (C28)	16.758	3561102	23.580 ug/ml
17) T n-Tricontane (C30)	17.642	3569376	23.313 ug/ml
18) T n-Dotriacontane (C32)	18.474	3374010	22.845 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2733237	21.670 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2242506	21.441 ug/ml
21) T n-Octatriacontane (C38)	20.715	2017012	20.648 ug/ml
22) T n-Tetracontane (C40)	21.600	2110958	21.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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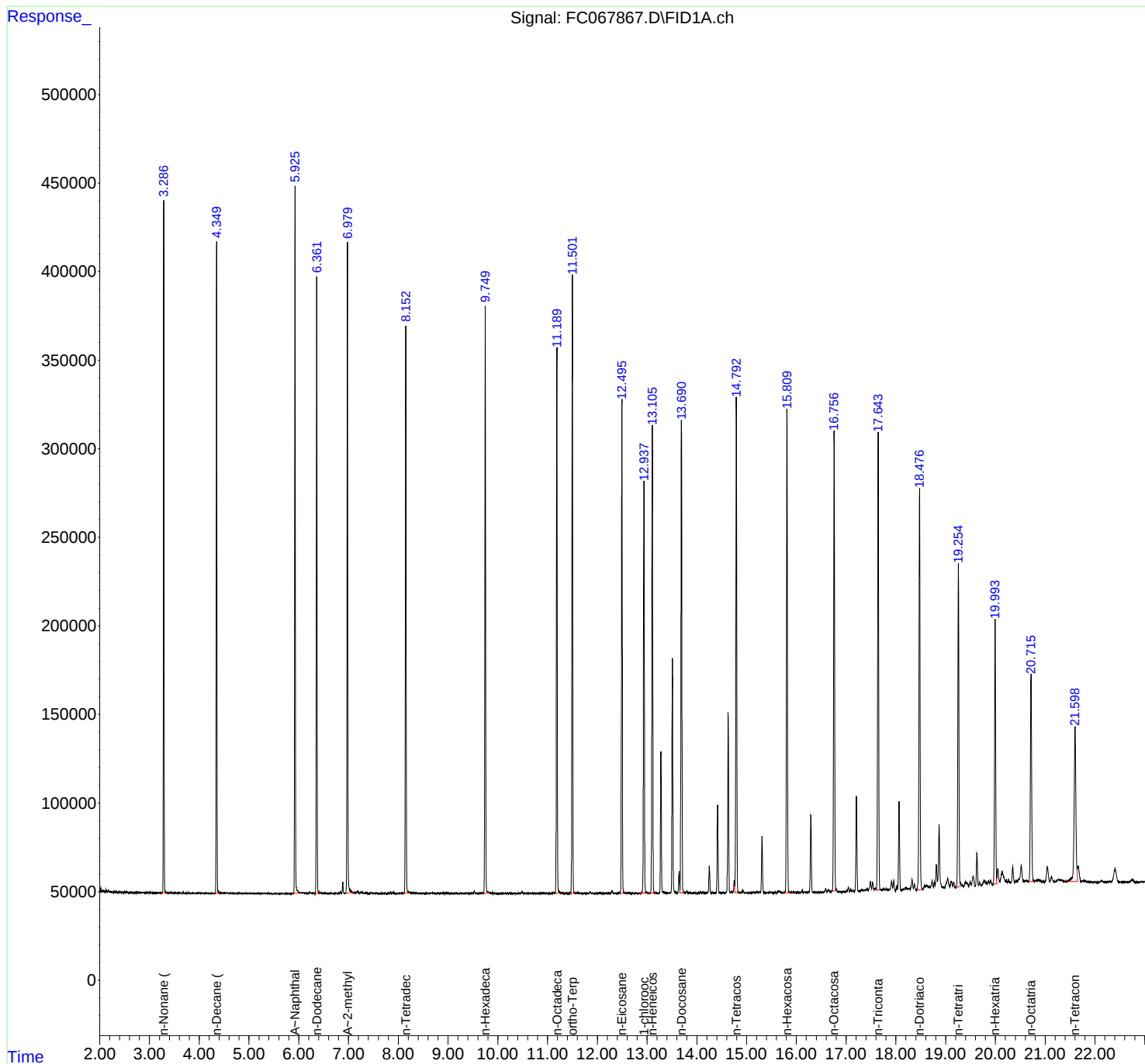
Instrument :
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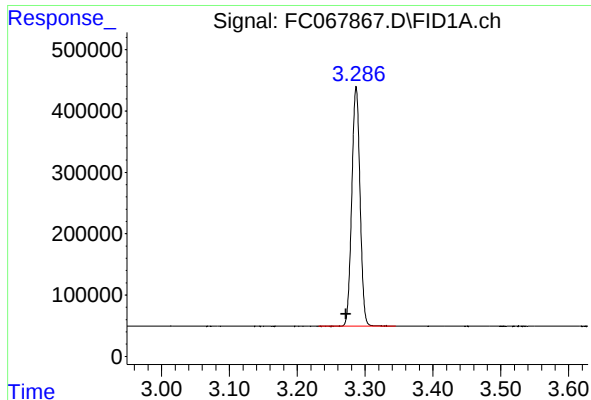
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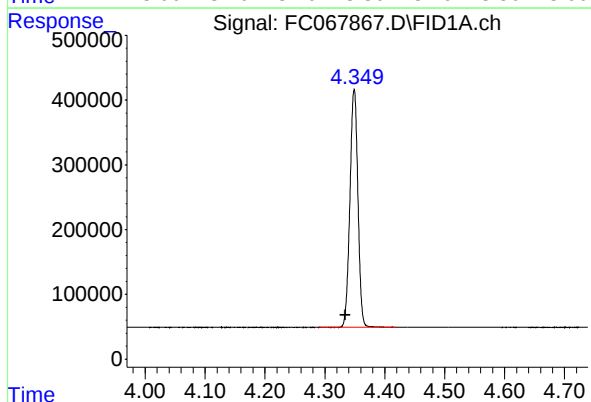
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 3293640
Conc: 20.19 ug/ml

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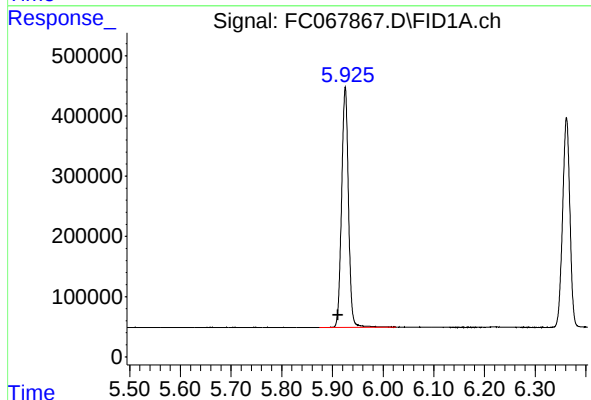
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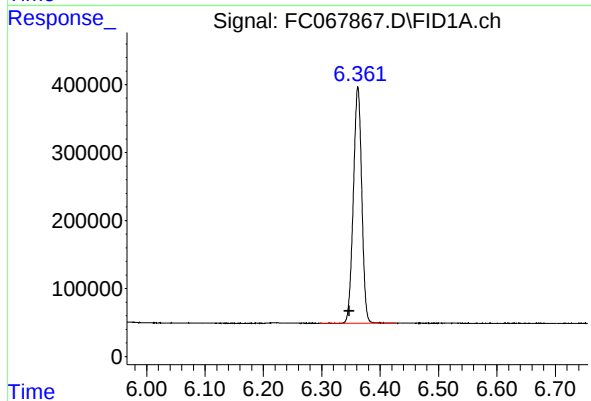
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.015 min
Response: 3406817
Conc: 20.54 ug/ml



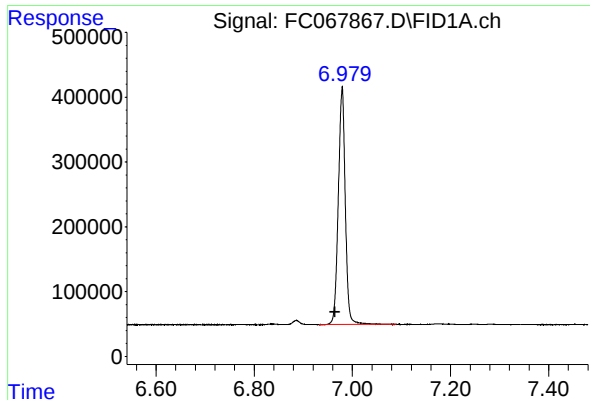
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.014 min
Response: 3741907
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.014 min
Response: 3474009
Conc: 20.63 ug/ml



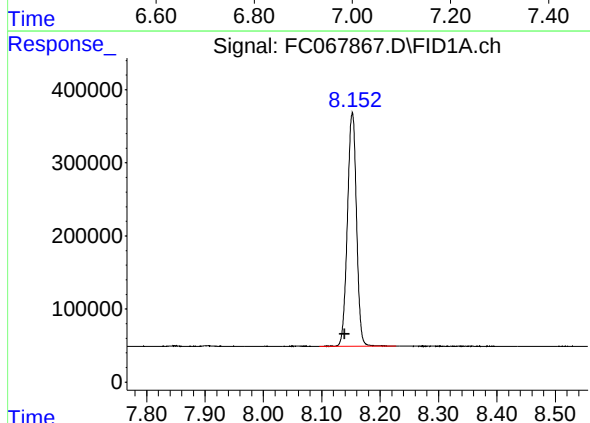
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: 0.014 min
Response: 3628779
Conc: 20.46 ug/ml

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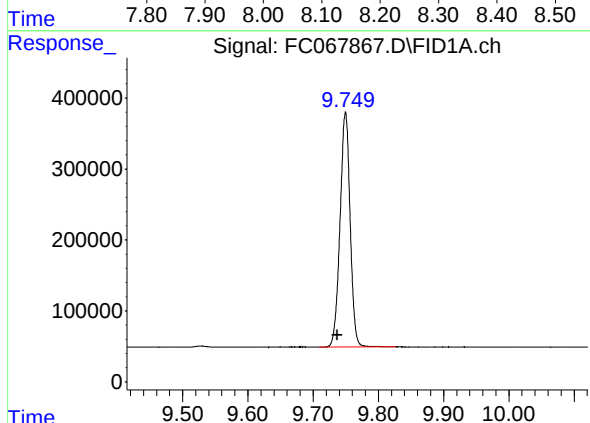
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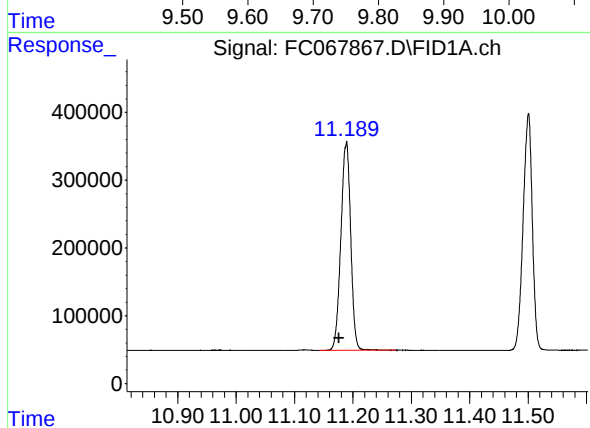
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.013 min
Response: 3456810
Conc: 20.64 ug/ml



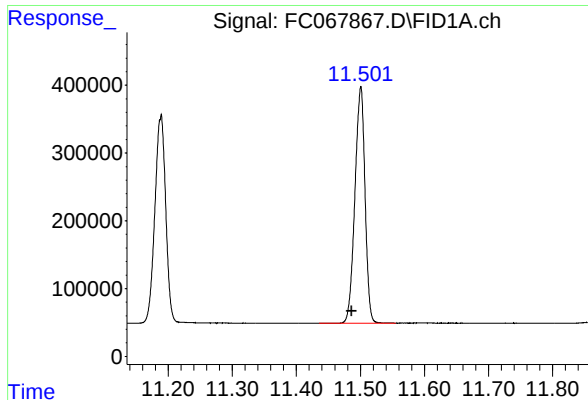
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.012 min
Response: 3564114
Conc: 20.57 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.012 min
Response: 3595626
Conc: 20.44 ug/ml



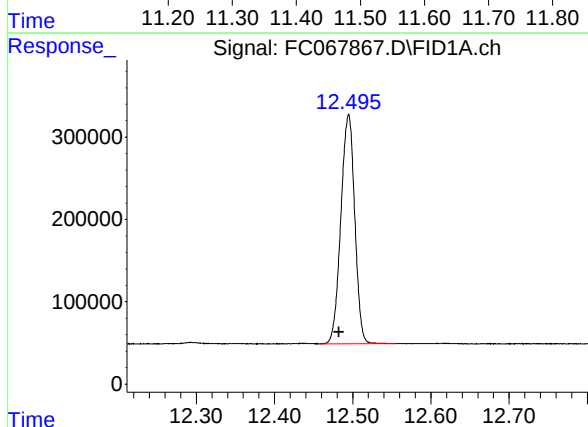
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: 0.014 min
Response: 3823452
Conc: 19.72 ug/ml

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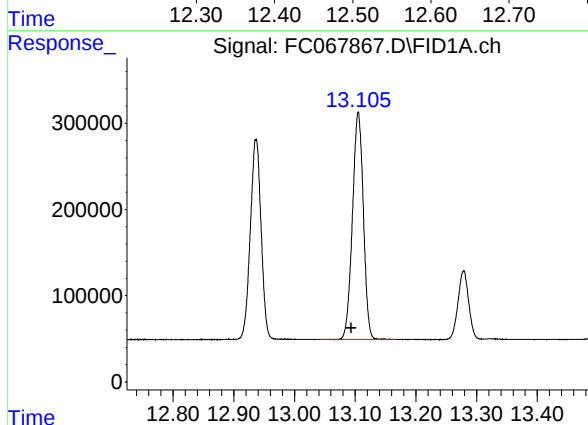
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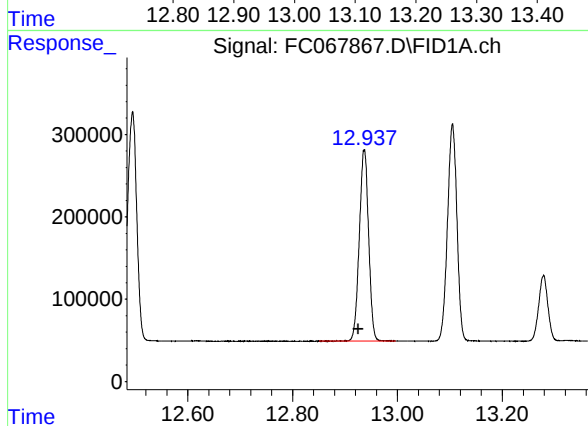
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.012 min
Response: 3436481
Conc: 20.41 ug/ml



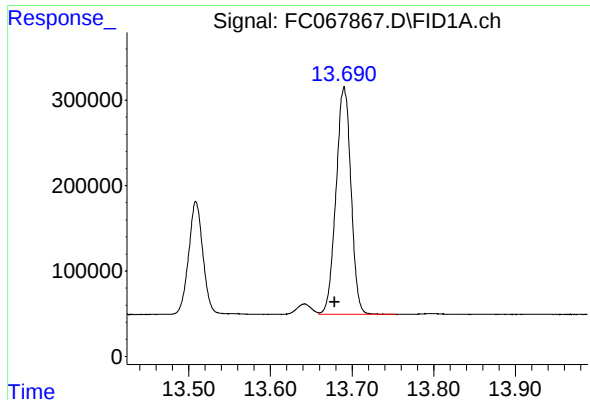
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.011 min
Response: 3289498
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.937 min
Delta R.T.: 0.011 min
Response: 2868568
Conc: 19.76 ug/ml



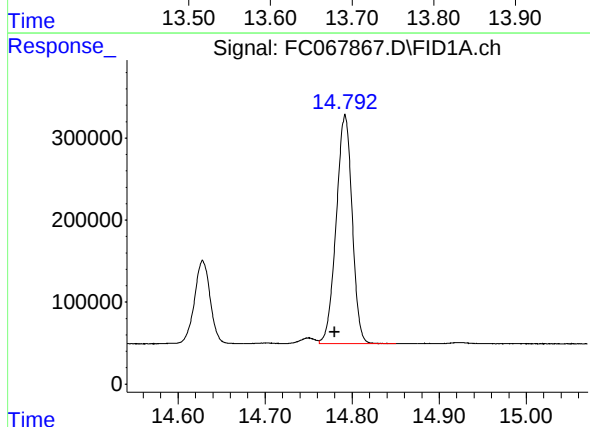
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: 0.012 min
Response: 3390100
Conc: 20.82 ug/ml

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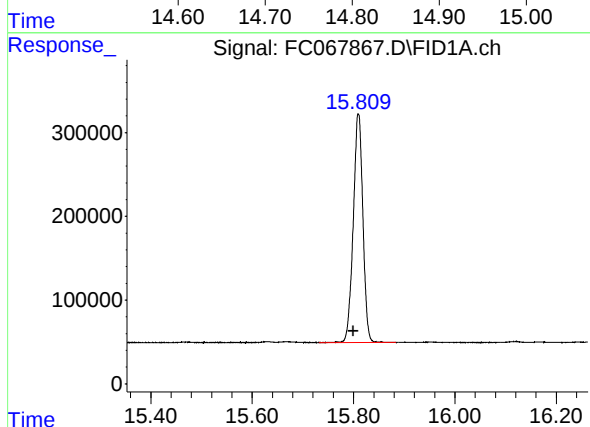
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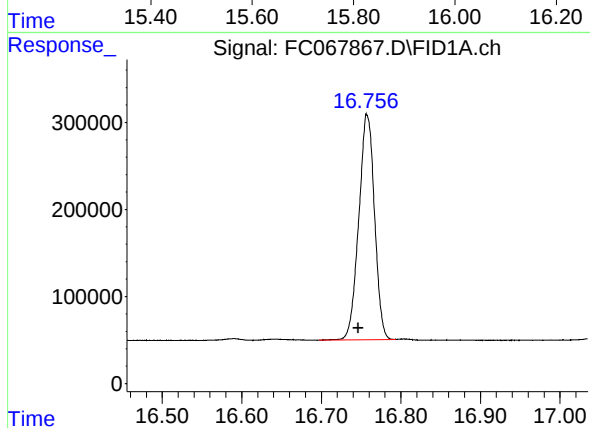
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.012 min
Response: 3549388
Conc: 22.13 ug/ml



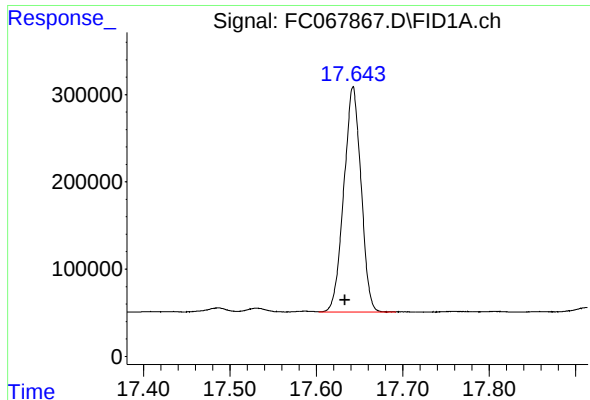
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.010 min
Response: 3600953
Conc: 23.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: 0.011 min
Response: 3561102
Conc: 23.58 ug/ml



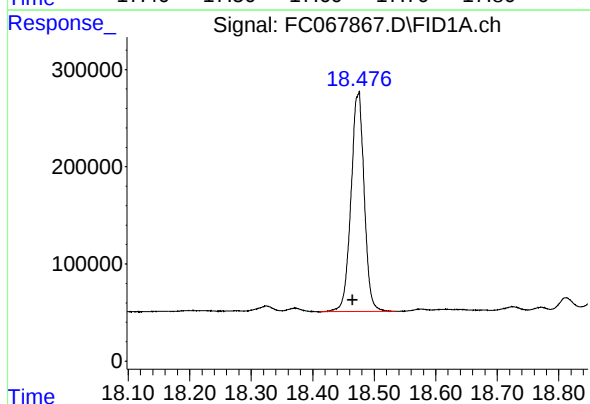
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.009 min
Response: 3569376
Conc: 23.31 ug/ml

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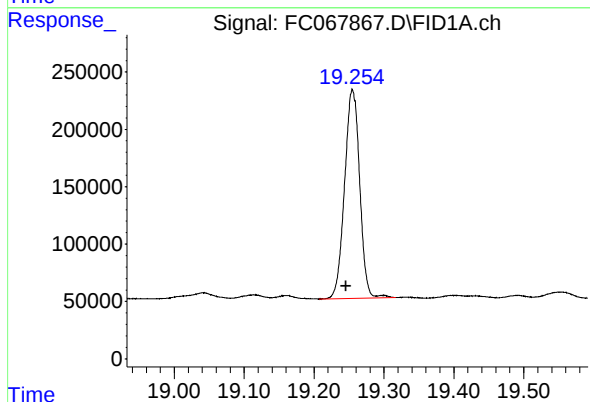
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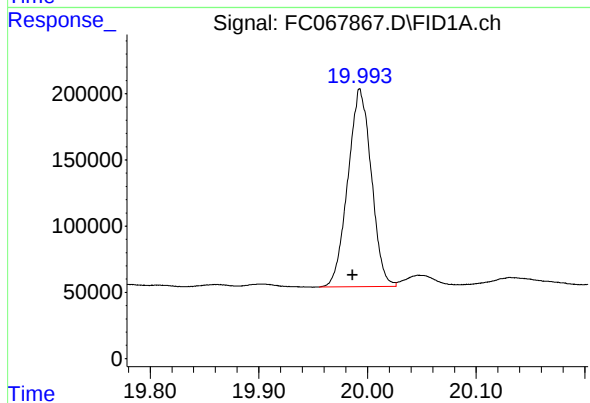
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.009 min
Response: 3374010
Conc: 22.84 ug/ml



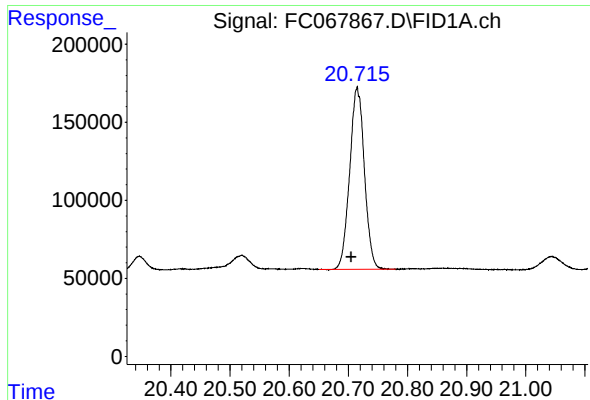
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.010 min
Response: 2733237
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 2242506
Conc: 21.44 ug/ml



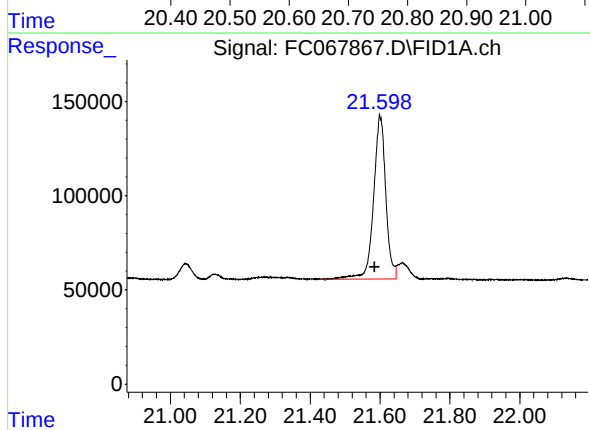
#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.010 min
Response: 2017012
Conc: 20.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.015 min
Response: 2110958
Conc: 21.66 ug/ml