

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092724AL\
 Data File : FC067298.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 13:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 01:57:23 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)	11.499	3038476	21.821 ug/ml
Spiked Amount 50.000		Recovery =	43.64%
12) S 1-chlorooctadecane (S...	12.938	2138739	21.894 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T n-Nonane (C9)	3.274	2901413	21.873 ug/ml
2) T n-Decane (C10)	4.339	2940121	21.891 ug/ml
3) T A~Naphthalene (C11.7)	5.917	3095560	21.781 ug/ml
4) T n-Dodecane (C12)	6.355	2946212	22.010 ug/ml
5) T A~2-methylnaphthalene...	6.973	2915384	21.832 ug/ml
6) T n-Tetradecane (C14)	8.149	2876384	22.319 ug/ml
7) T n-Hexadecane (C16)	9.747	2890549	22.420 ug/ml
8) T n-Octadecane (C18)	11.188	2861585	22.366 ug/ml
10) T n-Eicosane (C20)	12.496	2661567	22.159 ug/ml
11) T n-Heneicosane (C21)	13.107	2588869	22.166 ug/ml
13) T n-Docosane (C22)	13.693	2536643	21.970 ug/ml
14) T n-Tetracosane (C24)	14.794	2502030	22.032 ug/ml
15) T n-Hexacosane (C26)	15.814	2440768	22.023 ug/ml
16) T n-Octacosane (C28)	16.764	2402486	22.241 ug/ml
17) T n-Tricontane (C30)	17.649	2441963	22.450 ug/ml
18) T n-Dotriacontane (C32)	18.478	2358801	22.614 ug/mlm
19) T n-Tetratriacontane (C34)	19.262	2041956	22.133 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1725025	21.768 ug/ml
21) T n-Octatriacontane (C38)	20.726	1497658	19.938 ug/ml
22) T n-Tetracontane (C40)	21.615	1289941	18.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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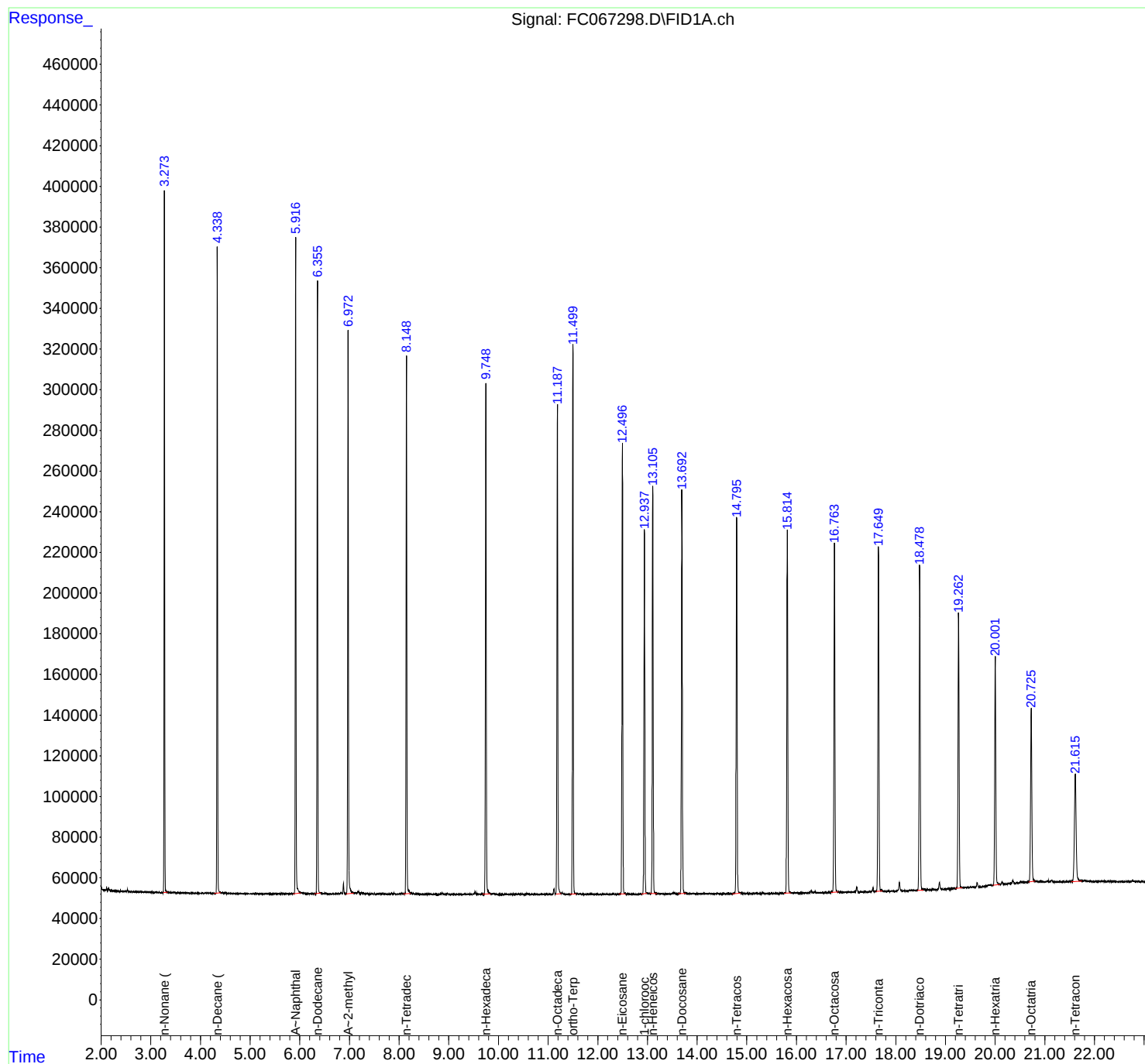
Instrument :
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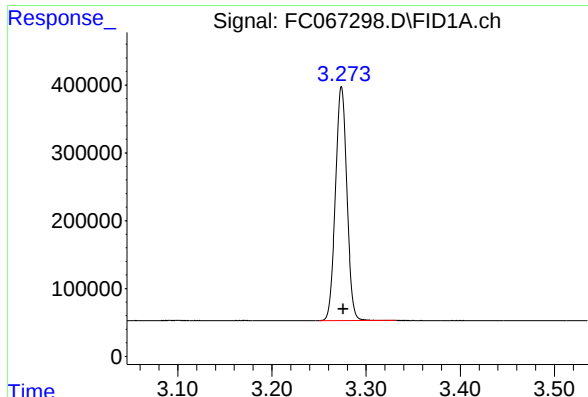
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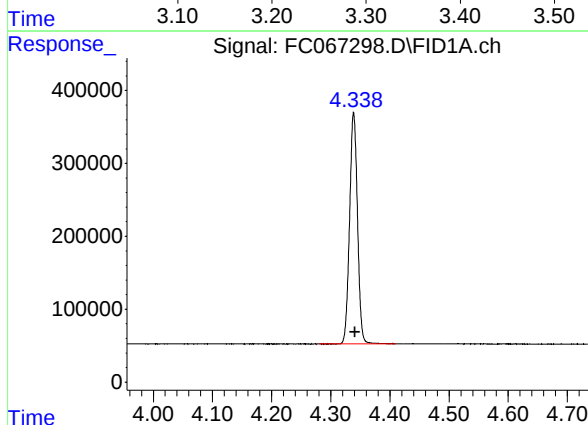
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 2901413
Conc: 21.87 ug/ml

Instrument :
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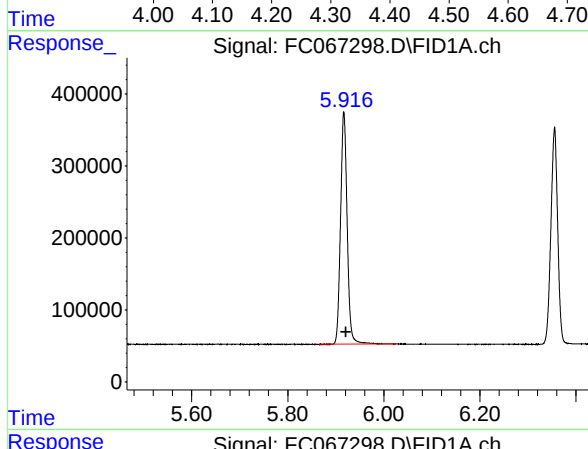
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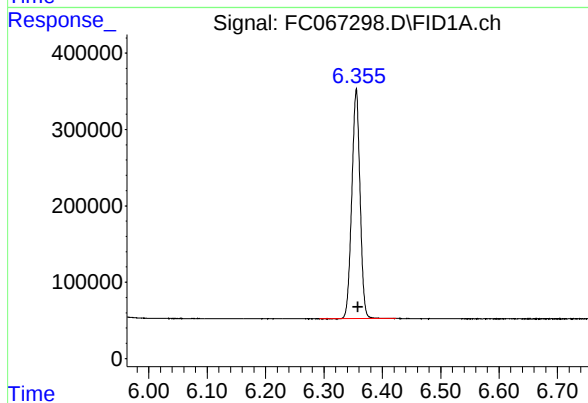
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.002 min
Response: 2940121
Conc: 21.89 ug/ml



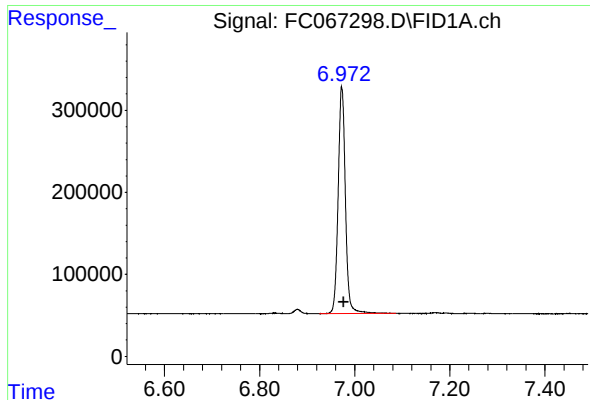
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: -0.005 min
Response: 3095560
Conc: 21.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: -0.003 min
Response: 2946212
Conc: 22.01 ug/ml



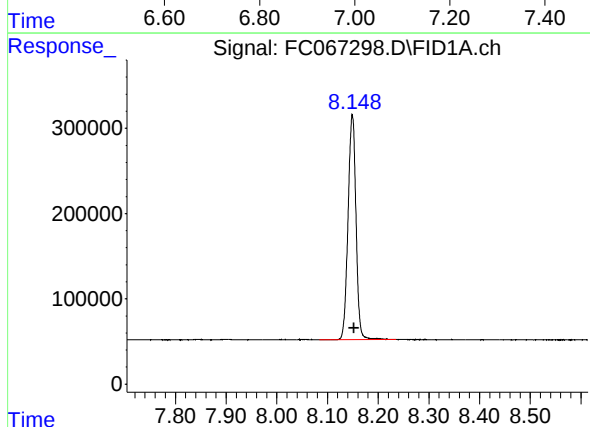
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.004 min
Response: 2915384
Conc: 21.83 ug/ml

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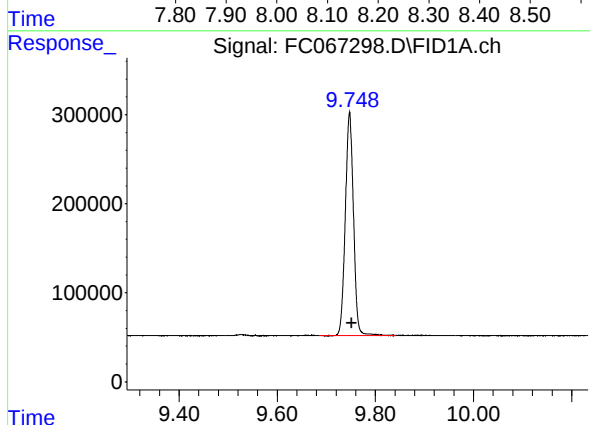
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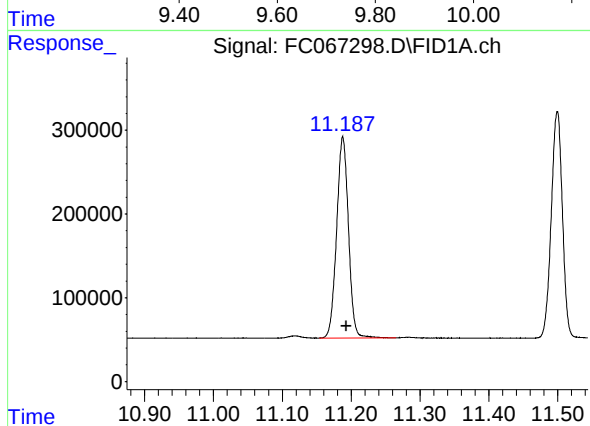
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 2876384
Conc: 22.32 ug/ml



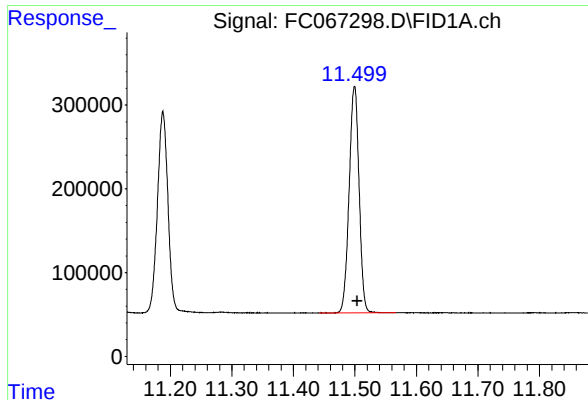
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: -0.004 min
Response: 2890549
Conc: 22.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: -0.005 min
Response: 2861585
Conc: 22.37 ug/ml



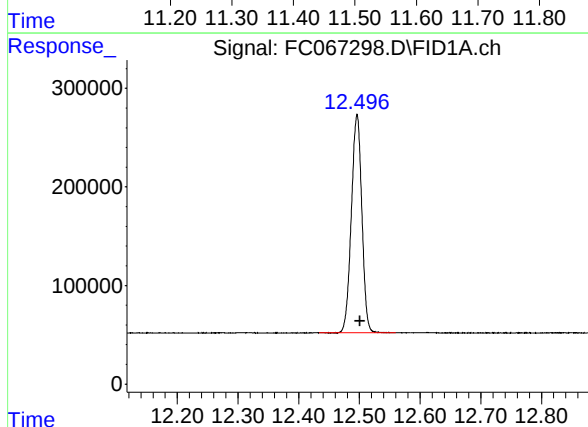
#9 ortho-Terphenyl (SURR)

R.T.: 11.499 min
Delta R.T.: -0.005 min
Response: 3038476
Conc: 21.82 ug/ml

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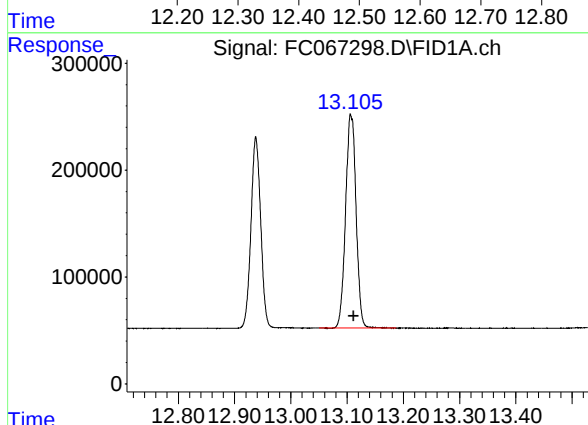
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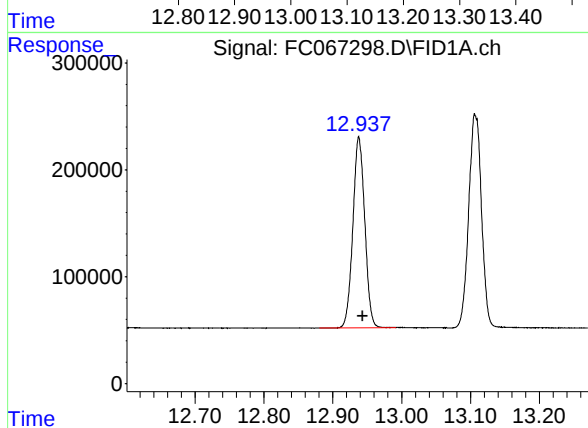
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.005 min
Response: 2661567
Conc: 22.16 ug/ml



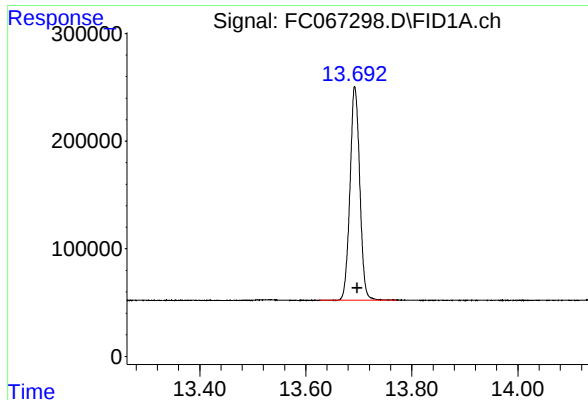
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.004 min
Response: 2588869
Conc: 22.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.005 min
Response: 2138739
Conc: 21.89 ug/ml



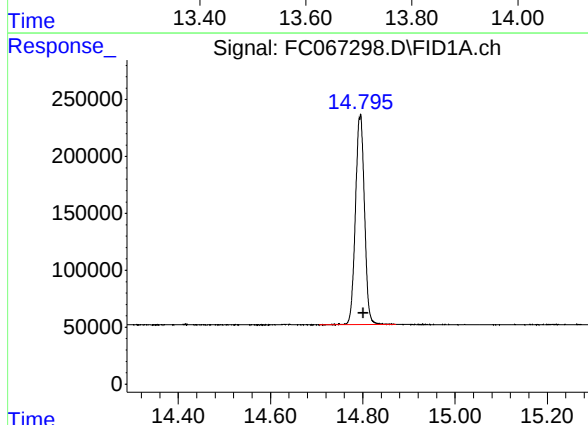
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: -0.004 min
Response: 2536643
Conc: 21.97 ug/ml

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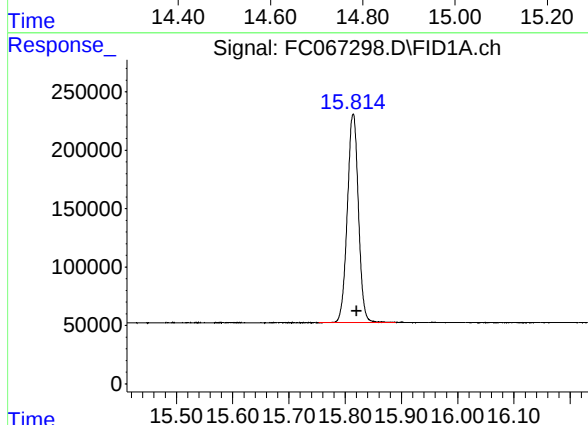
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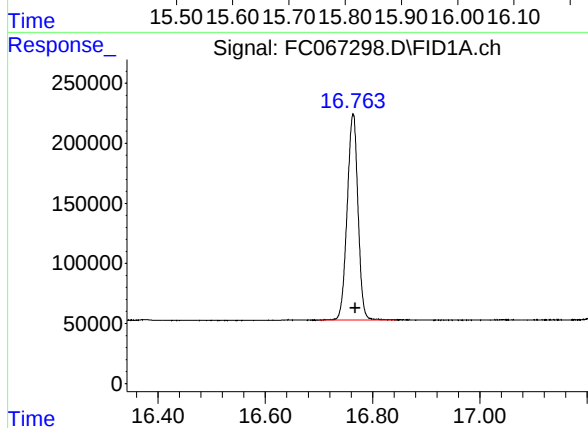
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.006 min
Response: 2502030
Conc: 22.03 ug/ml



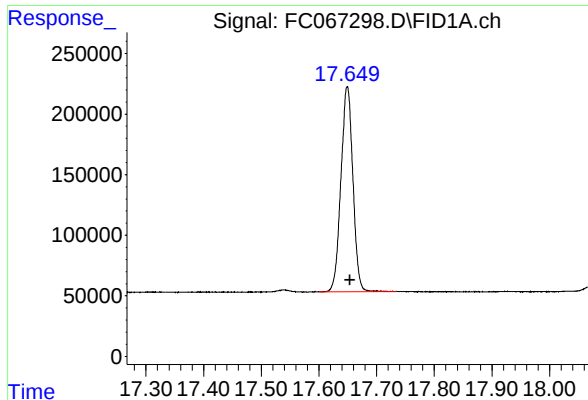
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.006 min
Response: 2440768
Conc: 22.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 2402486
Conc: 22.24 ug/ml



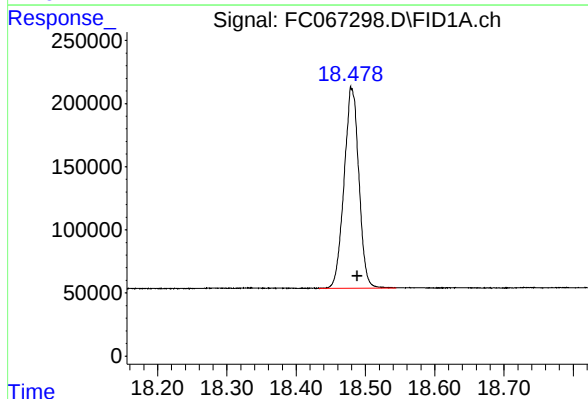
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: -0.005 min
Response: 2441963
Conc: 22.45 ug/ml

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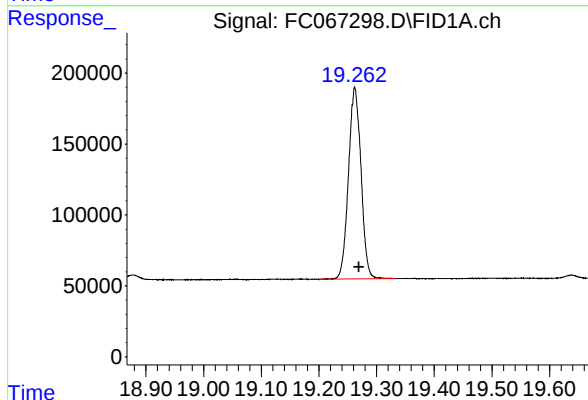
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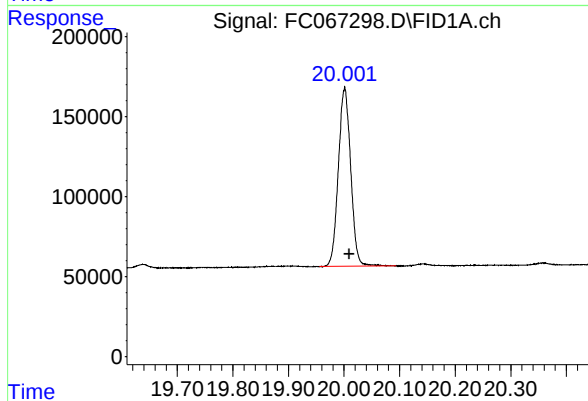
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: -0.010 min
Response: 2358801
Conc: 22.61 ug/ml m



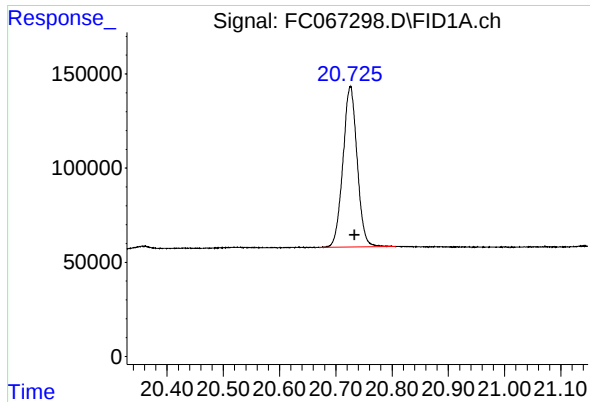
#19 n-Tetatriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.008 min
Response: 2041956
Conc: 22.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: -0.008 min
Response: 1725025
Conc: 21.77 ug/ml



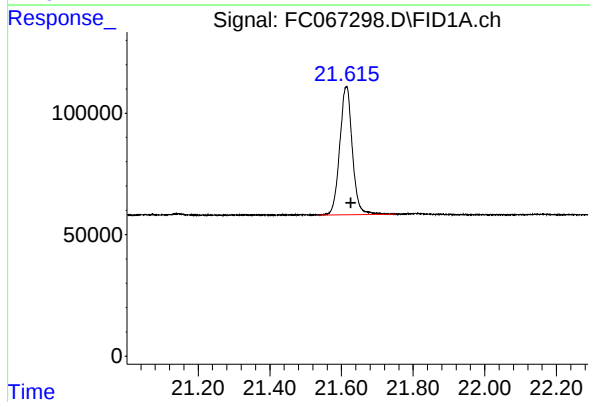
#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.008 min
Response: 1497658
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.012 min
Response: 1289941
Conc: 18.46 ug/ml m