

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111323AL\
 Data File : FC065125.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2023 16:15
 Operator : YP/AJ
 Sample : PB157088BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB157088BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File: autoint1.e
 Quant Time: Nov 13 23:18:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.512	8326993	37.835 ug/ml
Spiked Amount 50.000		Recovery =	75.67%
12) S 1-chlorooctadecane (S...	12.942	6445922	40.775 ug/ml
Spiked Amount 50.000		Recovery =	81.55%
Target Compounds			
1) T n-Nonane (C9)	3.320	7986681	42.243 ug/ml
2) T n-Decane (C10)	4.375	8813008	46.349 ug/ml
3) T A~Naphthalene (C11.7)	5.951	9617250	49.811 ug/ml
4) T n-Dodecane (C12)	6.381	9403624	48.679 ug/ml
5) T A~2-methylnaphthalene...	7.004	9483734	51.608 ug/ml
6) T n-Tetradecane (C14)	8.170	9406492	49.852 ug/ml
7) T n-Hexadecane (C16)	9.764	9309596	49.251 ug/ml
8) T n-Octadecane (C18)	11.199	9261891	49.075 ug/ml
10) T n-Eicosane (C20)	12.502	9115102	50.701 ug/ml
11) T n-Heneicosane (C21)	13.110	8660180	49.326 ug/ml
13) T n-Docosane (C22)	13.694	8525333	49.632 ug/ml
14) T n-Tetracosane (C24)	14.785	16042299	96.318 ug/ml
15) T n-Hexacosane (C26)	15.809	7936698	49.447 ug/ml
16) T n-Octacosane (C28)	16.754	8103540	51.779 ug/ml
17) T n-Tricontane (C30)	17.638	7792518	49.197 ug/ml
18) T n-Dotriacontane (C32)	18.466	7584811	48.037 ug/ml
19) T n-Tetratriacontane (C34)	19.246	7376604	48.327 ug/ml
20) T n-Hexatriacontane (C36)	19.981	6995428	46.364 ug/mlm
21) T n-Octatriacontane (C38)	20.701	6888384	46.288 ug/ml
22) T n-Tetracontane (C40)	21.581	6729838	45.757 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

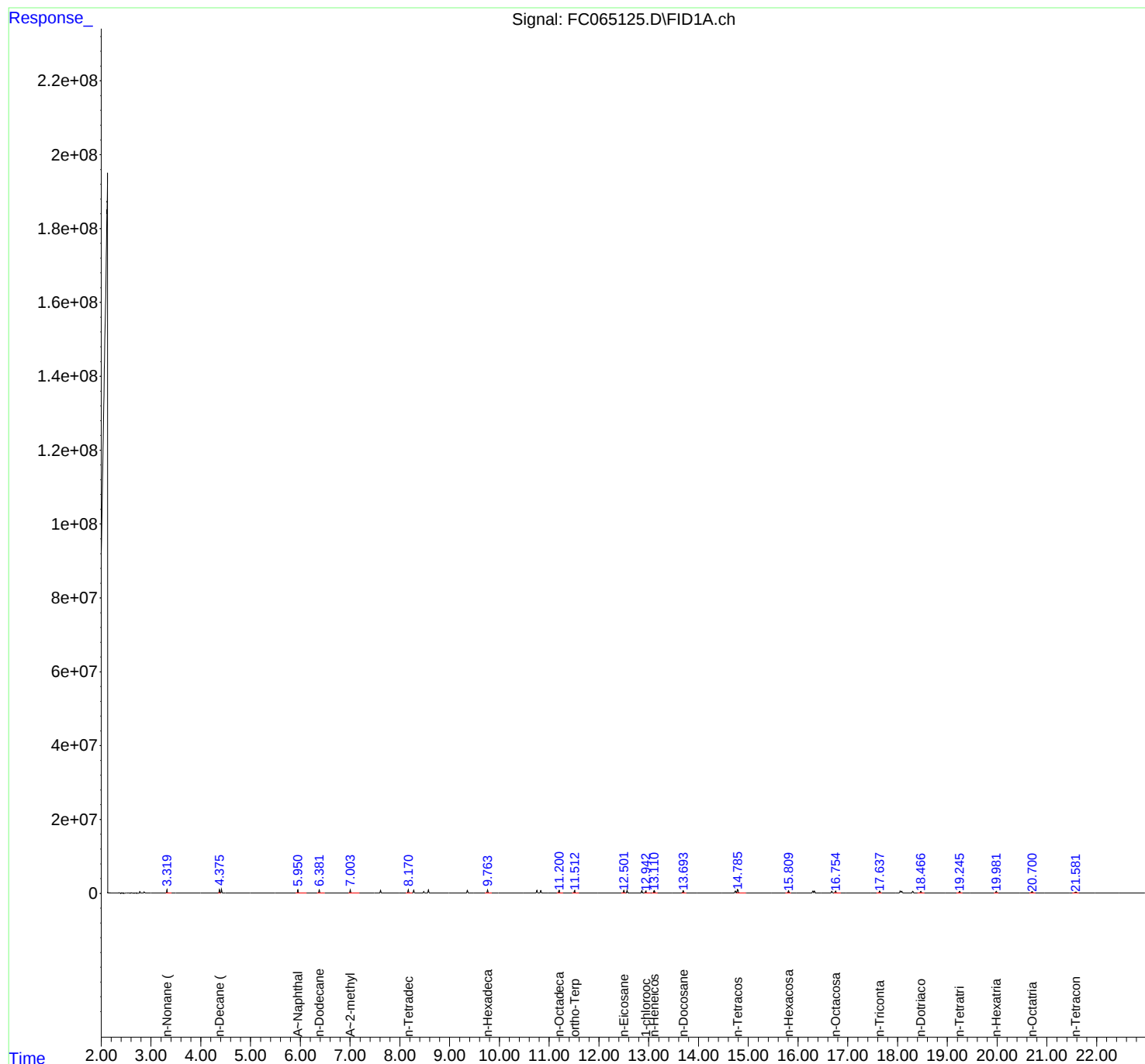
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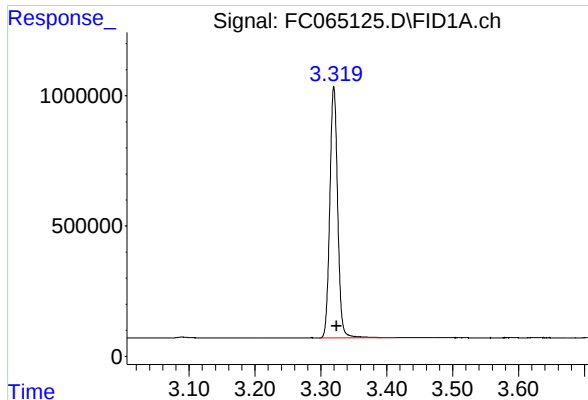
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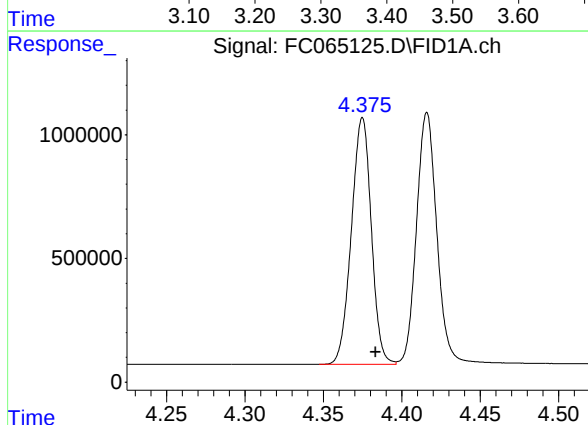
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 7986681
Conc: 42.24 ug/ml

Instrument :
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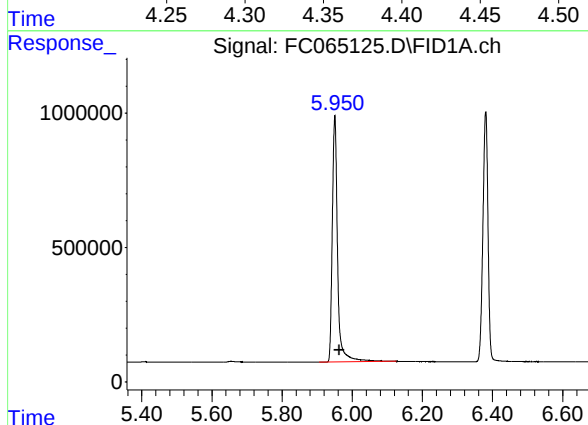
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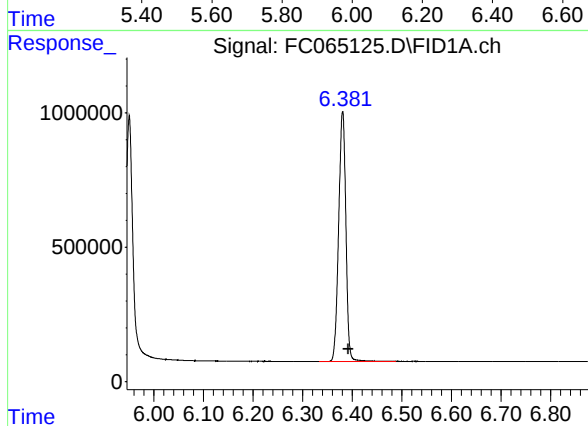
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.008 min
Response: 8813008
Conc: 46.35 ug/ml



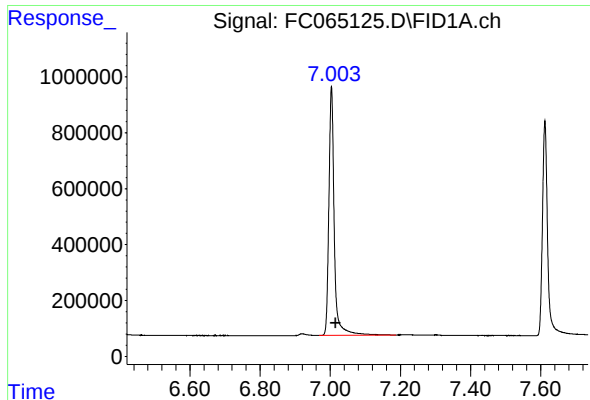
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 9617250
Conc: 49.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 9403624
Conc: 48.68 ug/ml



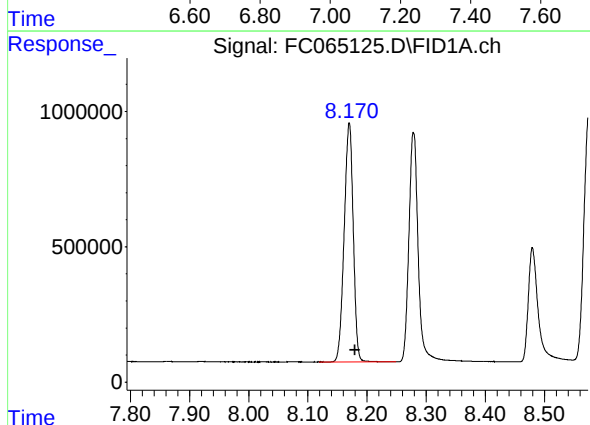
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 9483734
Conc: 51.61 ug/ml

Instrument :
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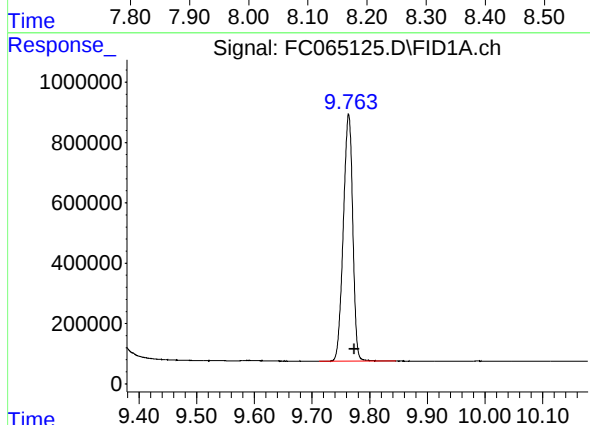
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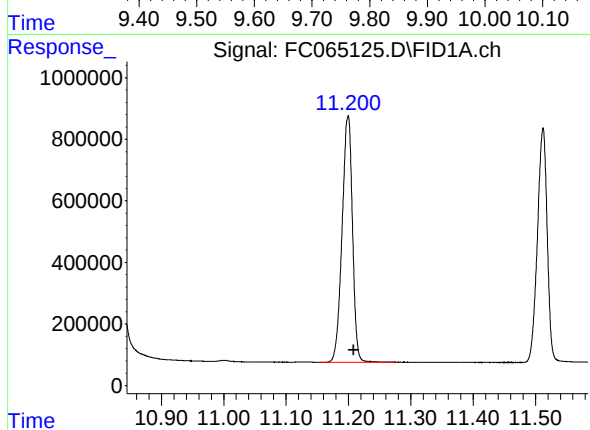
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 9406492
Conc: 49.85 ug/ml



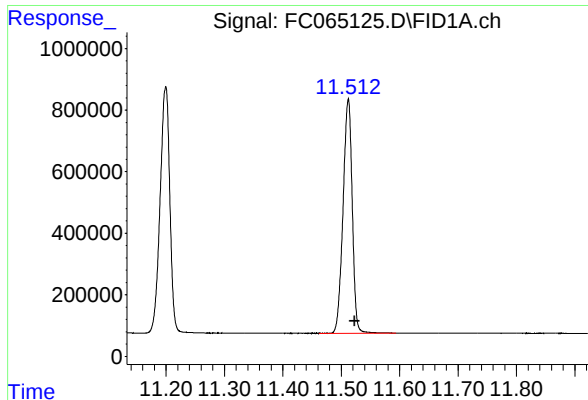
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 9309596
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 9261891
Conc: 49.08 ug/ml



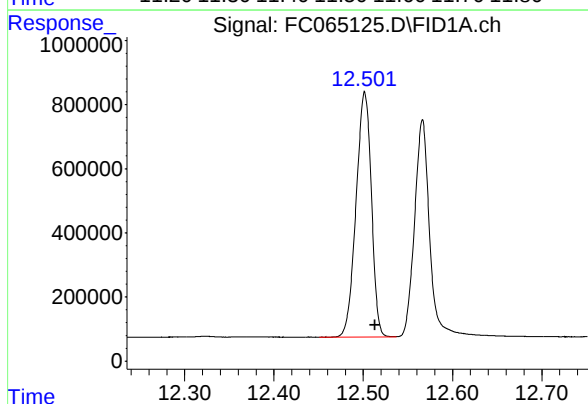
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: -0.011 min
Response: 8326993
Conc: 37.84 ug/ml

Instrument :
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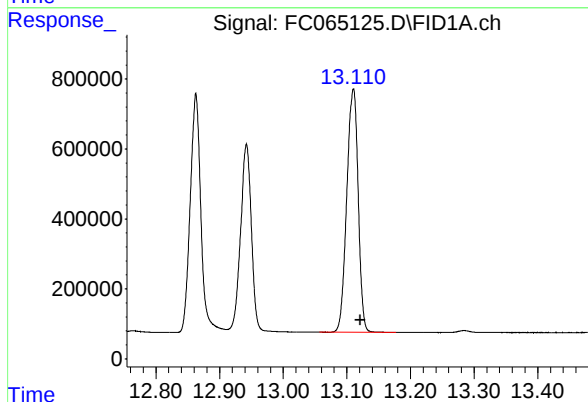
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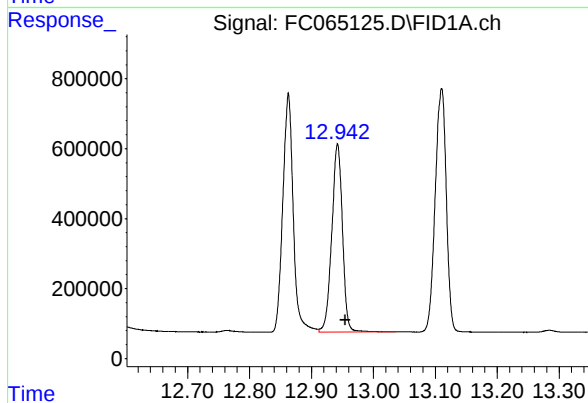
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.012 min
Response: 9115102
Conc: 50.70 ug/ml



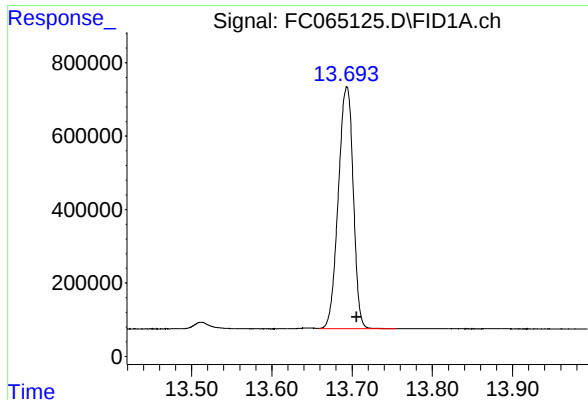
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.011 min
Response: 8660180
Conc: 49.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.013 min
Response: 6445922
Conc: 40.78 ug/ml



#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: -0.012 min
Response: 8525333
Conc: 49.63 ug/ml

Instrument :

FID_C

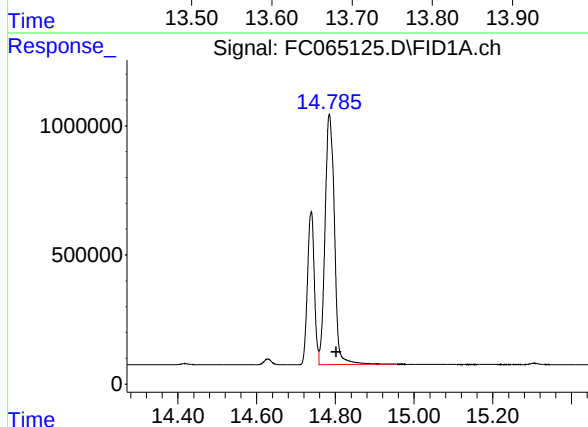
ClientSampleId :

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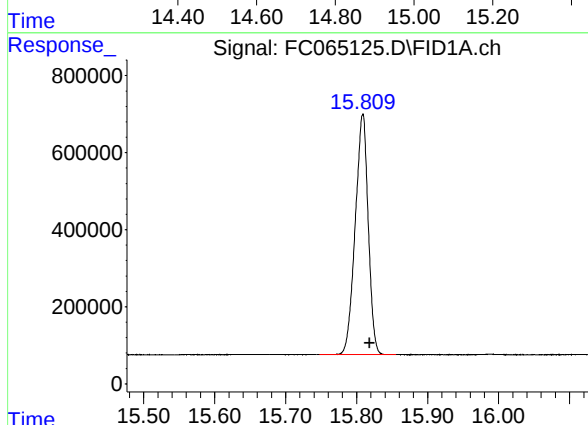
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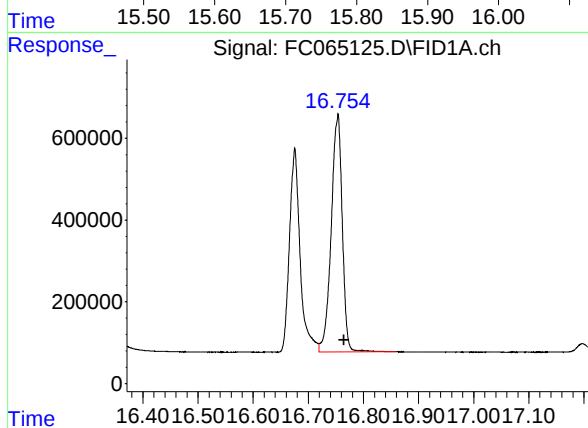
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 16042299
Conc: 96.32 ug/ml



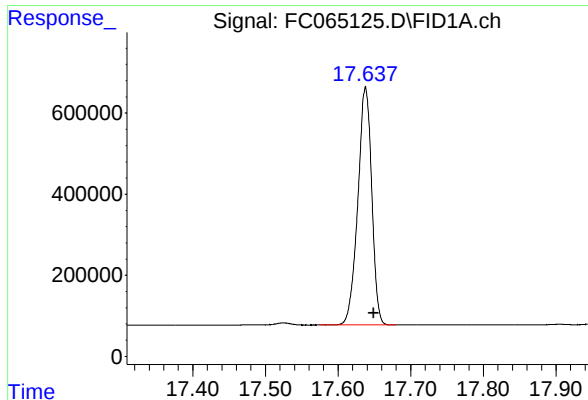
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 7936698
Conc: 49.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.011 min
Response: 8103540
Conc: 51.78 ug/ml



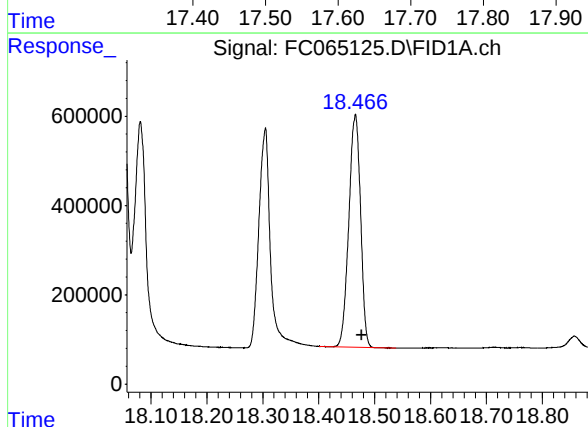
#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: -0.012 min
Response: 7792518
Conc: 49.20 ug/ml

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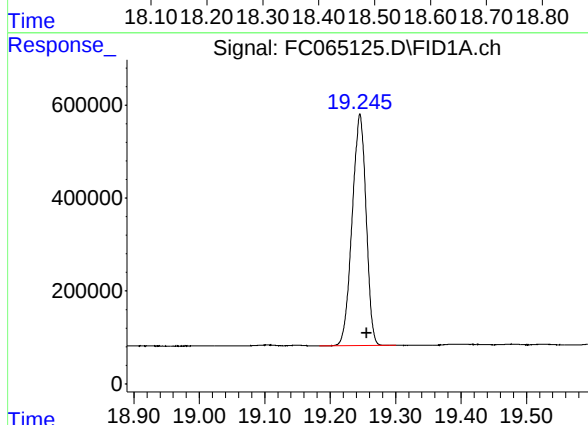
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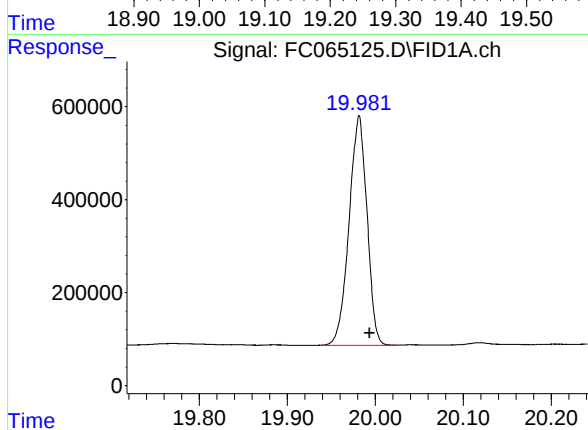
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.011 min
Response: 7584811
Conc: 48.04 ug/ml



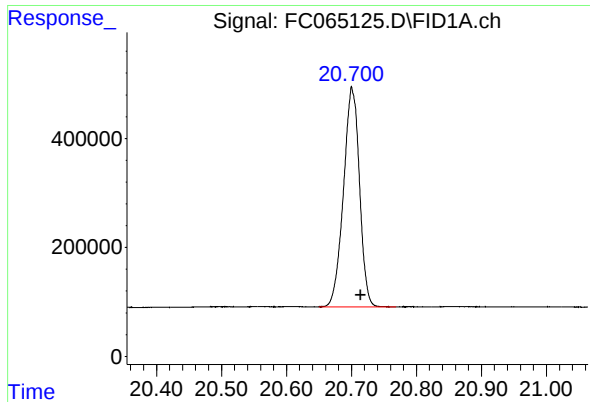
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.010 min
Response: 7376604
Conc: 48.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: -0.012 min
Response: 6995428
Conc: 46.36 ug/ml m



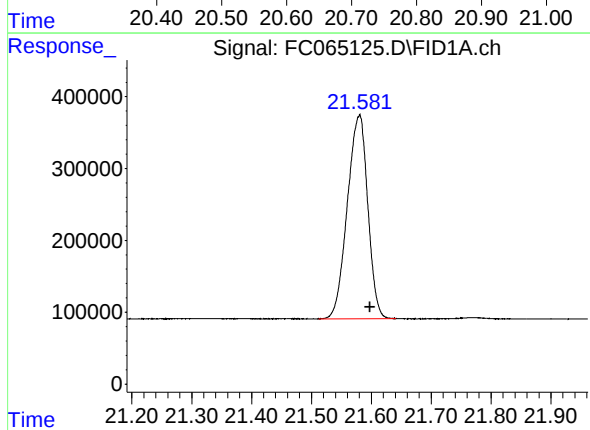
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.014 min
Response: 6888384
Conc: 46.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: -0.017 min
Response: 6729838
Conc: 45.76 ug/ml m