

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067175.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 16:07
 Operator : YP/AJ
 Sample : P4088-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-614-COMP-08MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e
 Quant Time: Sep 20 03:52:01 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)	11.505	3773521	27.100 ug/ml
Spiked Amount 50.000		Recovery =	54.20%
12) S 1-chlorooctadecane (S...	12.944	2964199	30.344 ug/ml
Spiked Amount 50.000		Recovery =	60.69%
Target Compounds			
1) T n-Nonane (C9)	3.281	4166848	31.413 ug/ml
2) T n-Decane (C10)	4.346	4741767	35.305 ug/ml
3) T A~Naphthalene (C11.7)	5.922	5176714	36.424 ug/ml
4) T n-Dodecane (C12)	6.361	4941736	36.918 ug/ml
5) T A~2-methylnaphthalene...	6.978	4796621	35.920 ug/ml
6) T n-Tetradecane (C14)	8.155	5396168	41.871 ug/ml
7) T n-Hexadecane (C16)	9.754	5836914	45.273 ug/ml
8) T n-Octadecane (C18)	11.195	6000492	46.900 ug/ml
10) T n-Eicosane (C20)	12.503	5978304	49.772 ug/ml
11) T n-Heneicosane (C21)	13.114	5705798	48.854 ug/ml
13) T n-Docosane (C22)	13.699	5613274	48.617 ug/ml
14) T n-Tetracosane (C24)	14.771	10776453	94.895 ug/mlm
15) T n-Hexacosane (C26)	15.824	5424127	48.942 ug/ml
16) T n-Octacosane (C28)	16.771	5245824	48.564 ug/ml
17) T n-Tricontane (C30)	17.659	5367024	49.341 ug/ml
18) T n-Dotriacontane (C32)	18.489	5326078	51.062 ug/ml
19) T n-Tetratriacontane (C34)	19.273	5288876	57.327 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4998354	63.073 ug/ml
21) T n-Octatriacontane (C38)	20.738	4900711	65.242 ug/ml
22) T n-Tetracontane (C40)	21.629	4502255	64.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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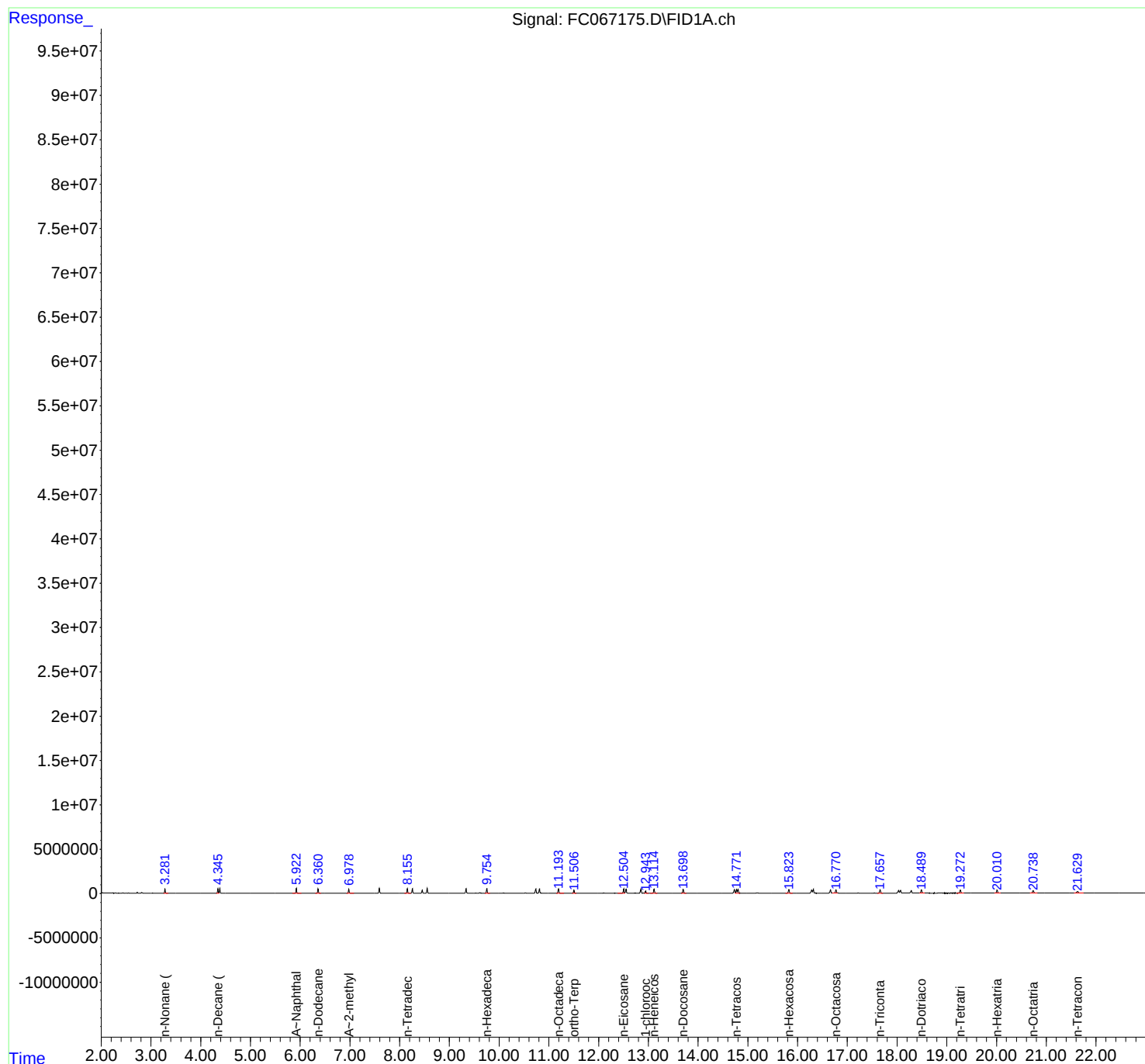
Instrument :
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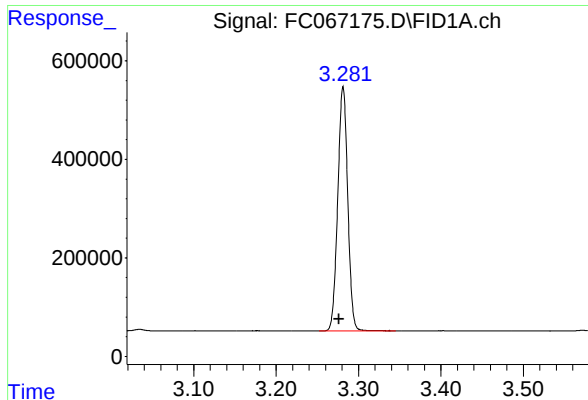
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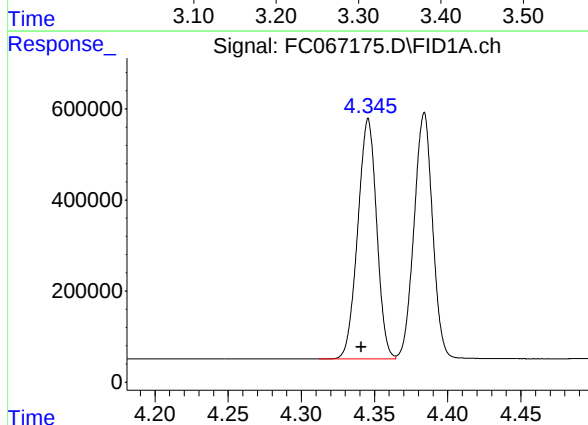
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 4166848
Conc: 31.41 ug/ml

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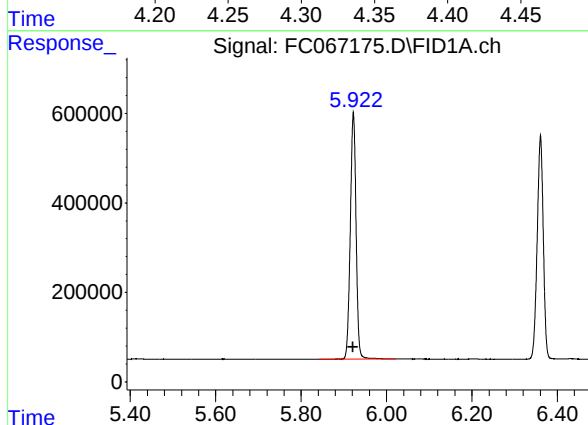
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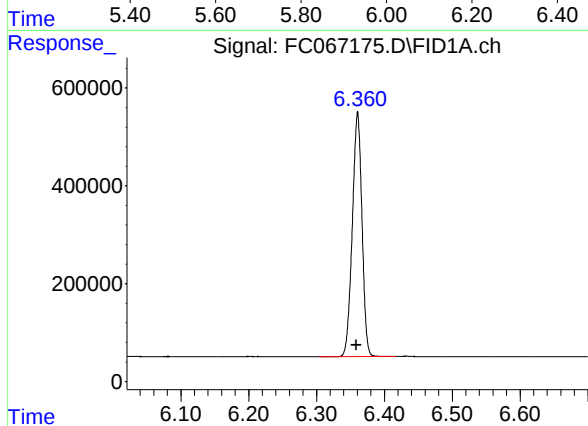
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 4741767
Conc: 35.31 ug/ml



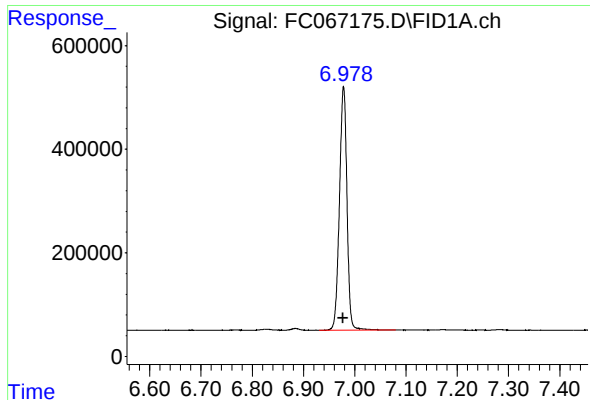
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 5176714
Conc: 36.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.002 min
Response: 4941736
Conc: 36.92 ug/ml



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

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 4796621
Conc: 35.92 ug/ml

Instrument :

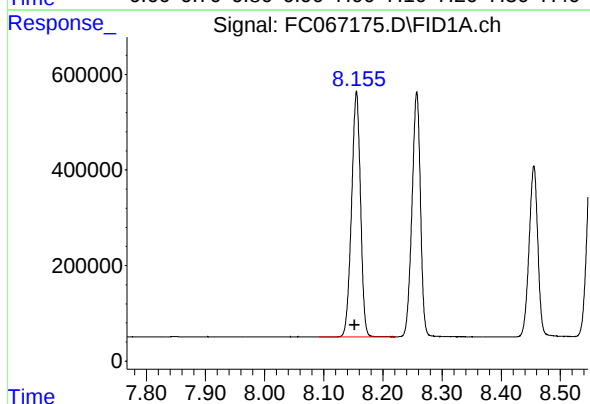
FID_C

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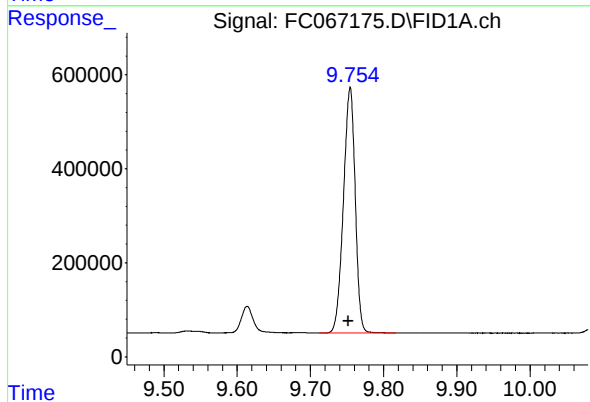
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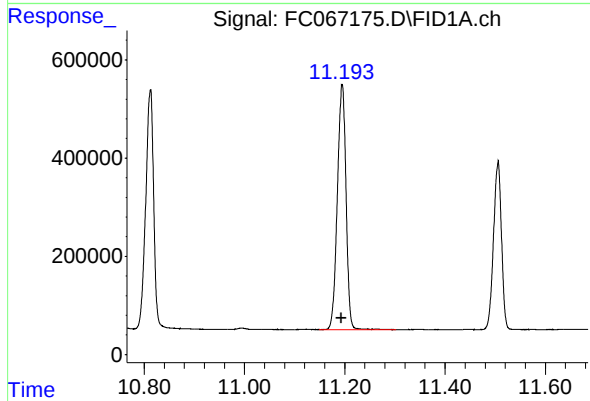
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 5396168
Conc: 41.87 ug/ml



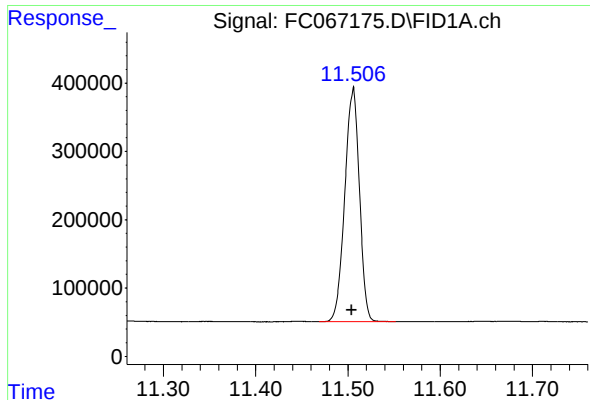
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 5836914
Conc: 45.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: 0.002 min
Response: 6000492
Conc: 46.90 ug/ml



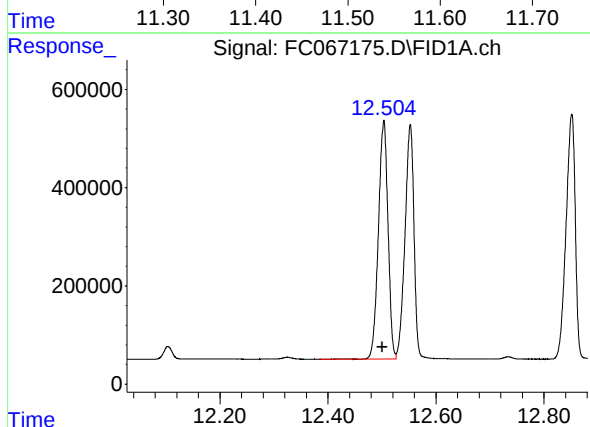
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.001 min
Response: 3773521
Conc: 27.10 ug/ml

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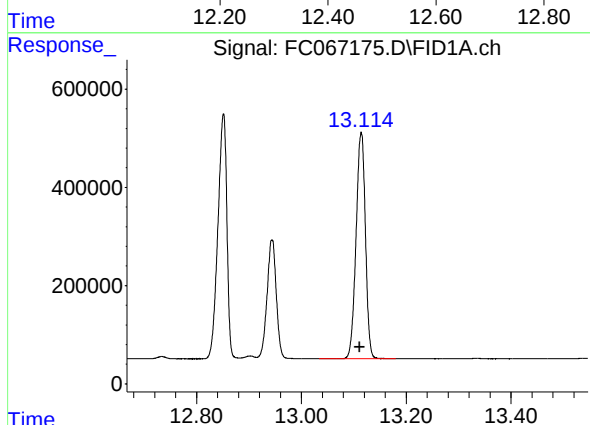
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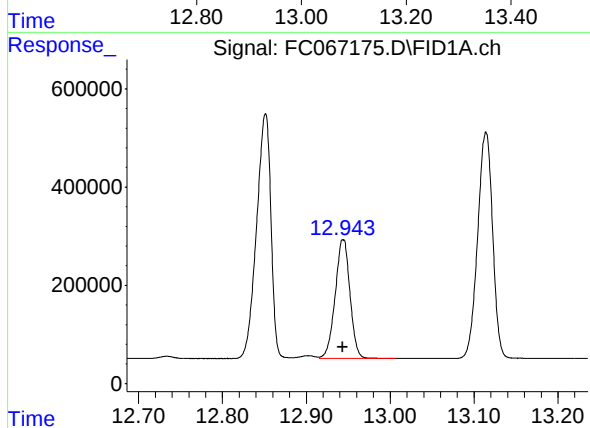
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5978304
Conc: 49.77 ug/ml



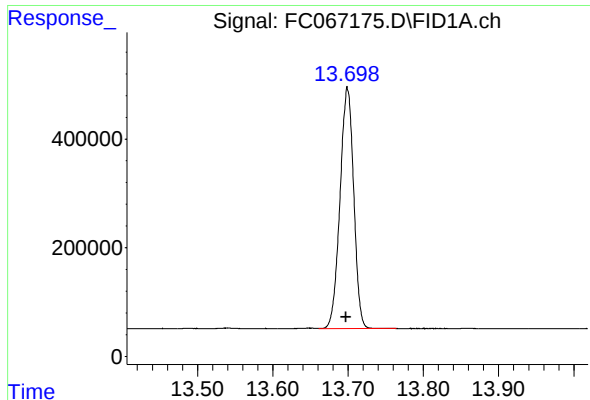
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 5705798
Conc: 48.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2964199
Conc: 30.34 ug/ml



#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 5613274
Conc: 48.62 ug/ml

Instrument :

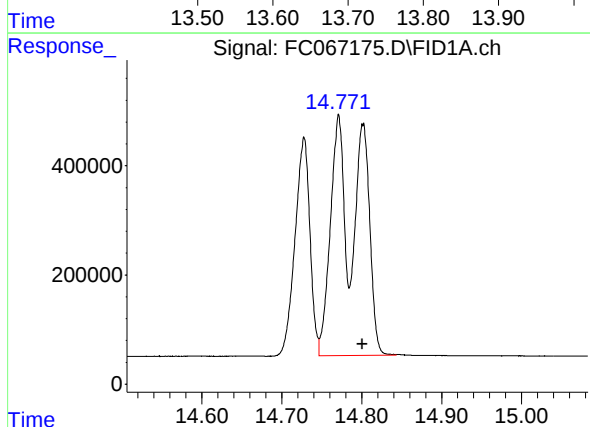
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ClientSampleId :

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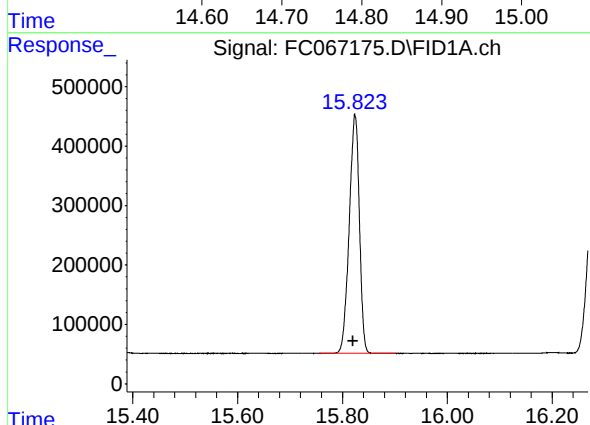
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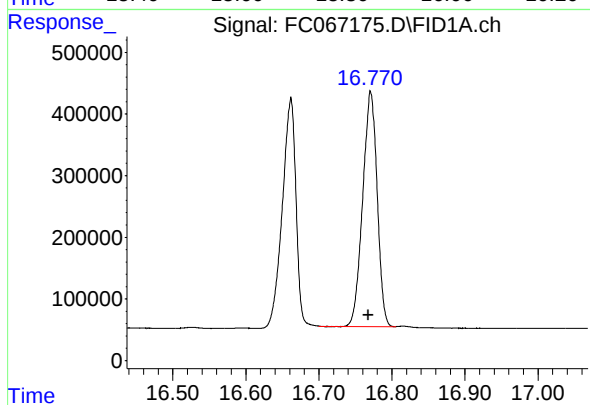
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.030 min
Response: 10776453
Conc: 94.90 ug/ml m



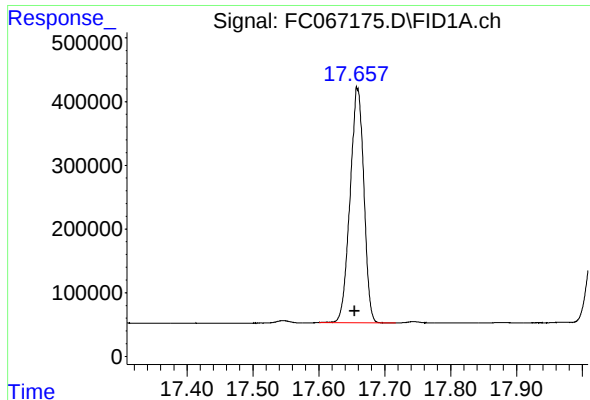
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.004 min
Response: 5424127
Conc: 48.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5245824
Conc: 48.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.005 min
Response: 5367024
Conc: 49.34 ug/ml

Instrument :

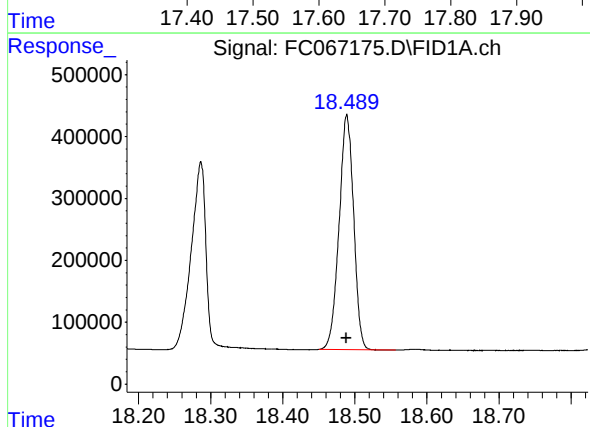
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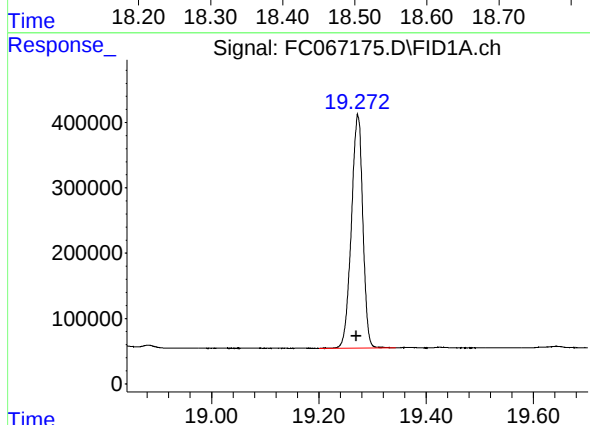
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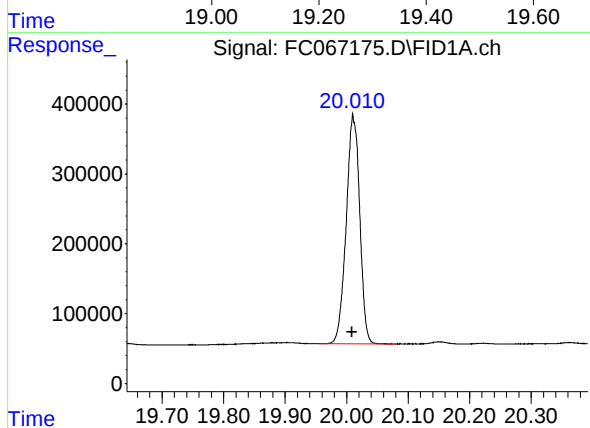
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 5326078
Conc: 51.06 ug/ml



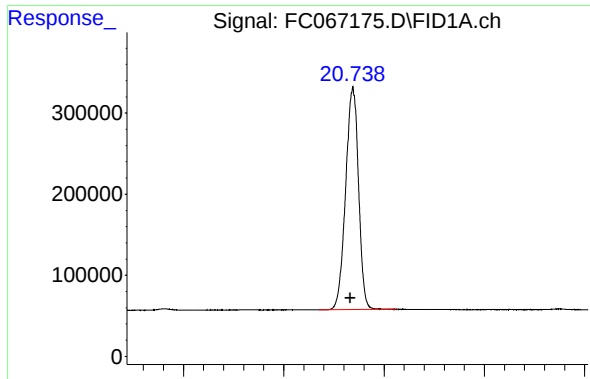
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.003 min
Response: 5288876
Conc: 57.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4998354
Conc: 63.07 ug/ml



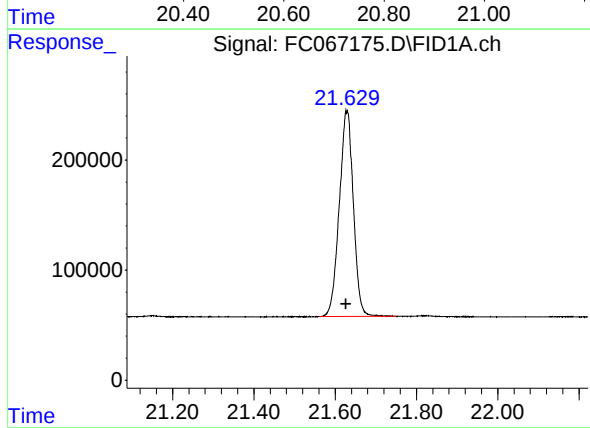
#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.004 min
Response: 4900711
Conc: 65.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.002 min
Response: 4502255
Conc: 64.44 ug/ml