

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081524AL\
 Data File : FC067007.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2024 14:51
 Operator : YP/AJ
 Sample : PB162753BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB162753BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2024
 Supervised By :Ankita Jodhani 08/16/2024

Integration File: autoint1.e
 Quant Time: Aug 16 02:03:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.513	7545895	49.568 ug/ml
Spiked Amount 50.000		Recovery =	99.14%
12) S 1-chlorooctadecane (S...	12.950	5392257	49.771 ug/ml
Spiked Amount 50.000		Recovery =	99.54%
Target Compounds			
1) T n-Nonane (C9)	3.294	6013575	40.917 ug/ml
2) T n-Decane (C10)	4.353	6394622	42.674 ug/ml
3) T A~Naphthalene (C11.7)	5.927	6885247	43.280 ug/ml
4) T n-Dodecane (C12)	6.365	6642702	44.272 ug/ml
5) T A~2-methylnaphthalene...	6.983	6784763	45.114 ug/ml
6) T n-Tetradecane (C14)	8.160	6671176	46.011 ug/ml
7) T n-Hexadecane (C16)	9.759	6590006	44.964 ug/ml
8) T n-Octadecane (C18)	11.200	6731772	46.188 ug/ml
10) T n-Eicosane (C20)	12.509	6717373	49.052 ug/mlm
11) T n-Heneicosane (C21)	13.120	6441061	48.334 ug/ml
13) T n-Docosane (C22)	13.705	6370568	48.346 ug/ml
14) T n-Tetracosane (C24)	14.807	6232810	48.091 ug/ml
15) T n-Hexacosane (C26)	15.829	6019800	47.458 ug/ml
16) T n-Octacosane (C28)	16.776	5879607	47.337 ug/ml
17) T n-Tricontane (C30)	17.664	5728530	45.583 ug/ml
18) T n-Dotriacontane (C32)	18.494	5504798	44.567 ug/ml
19) T n-Tetratriacontane (C34)	19.277	5471573	45.630 ug/ml
20) T n-Hexatriacontane (C36)	20.017	5209010	46.135 ug/ml
21) T n-Octatriacontane (C38)	20.742	5329926	48.923 ug/ml
22) T n-Tetracontane (C40)	21.636	5419197	53.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

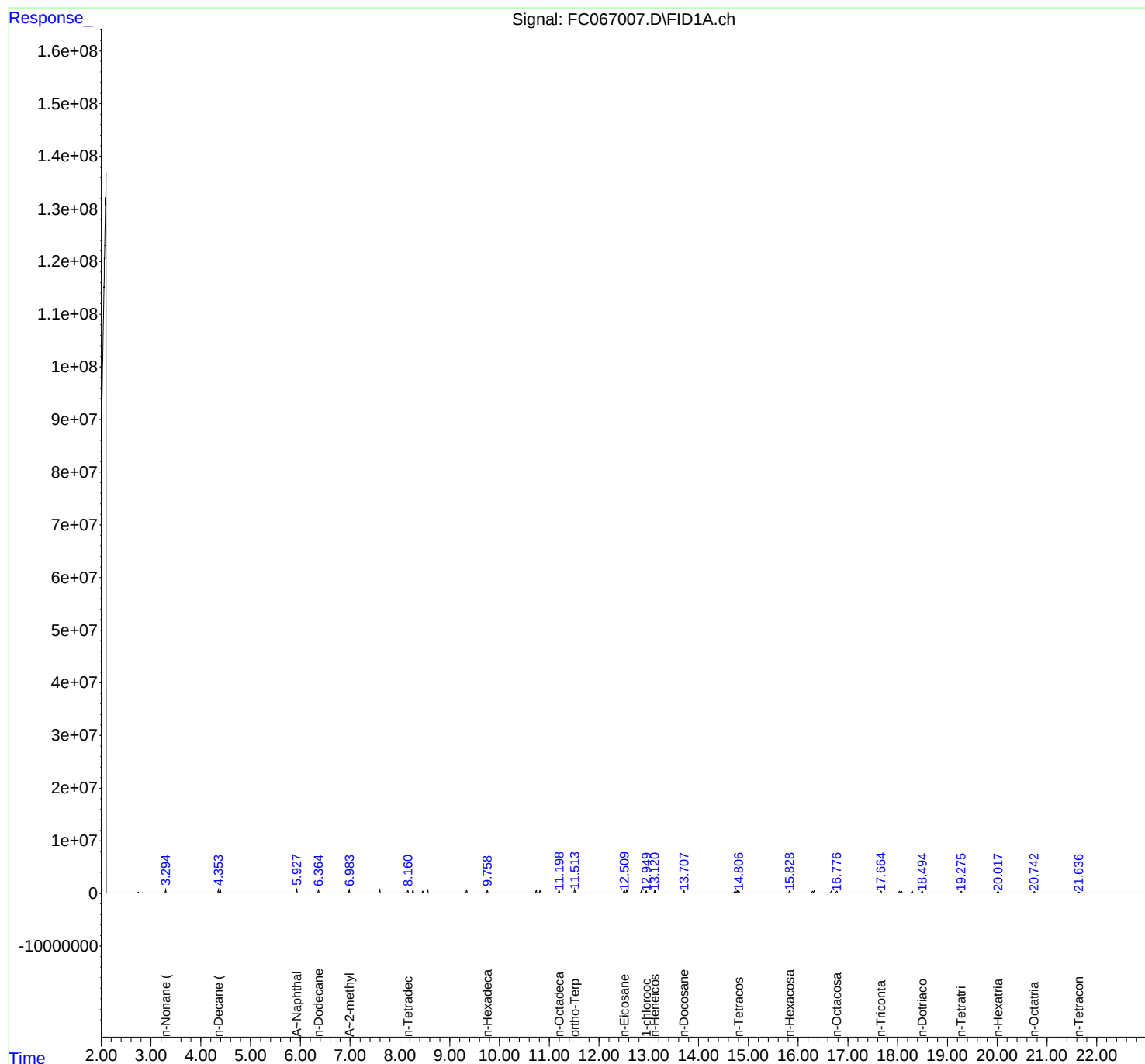
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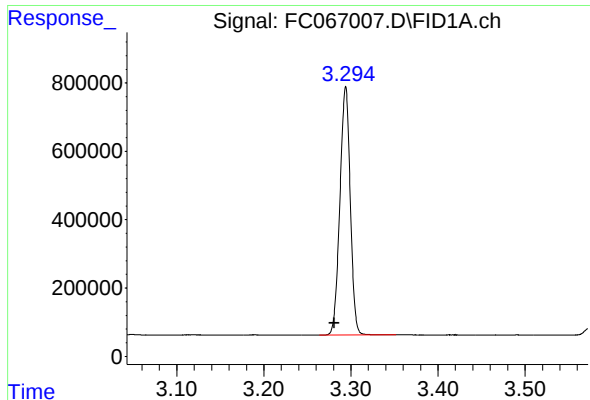
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: 0.013 min
Response: 6013575
Conc: 40.92 ug/ml

Instrument :

FID_C

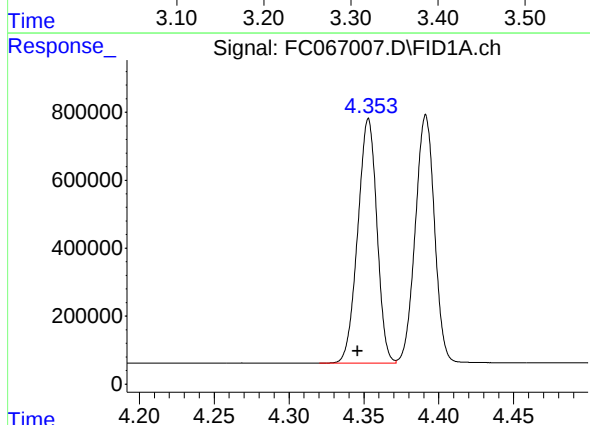
ClientSampleId :

PB162753BSD

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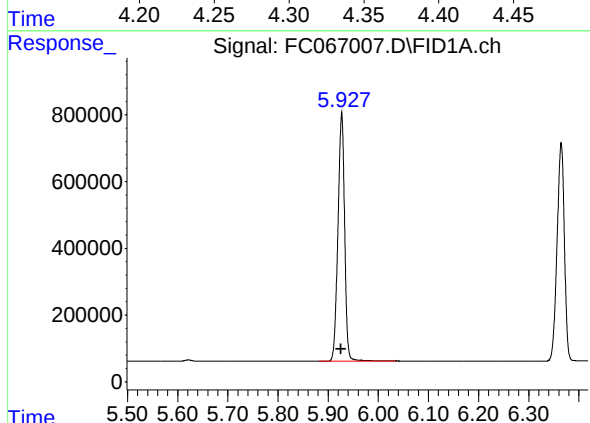
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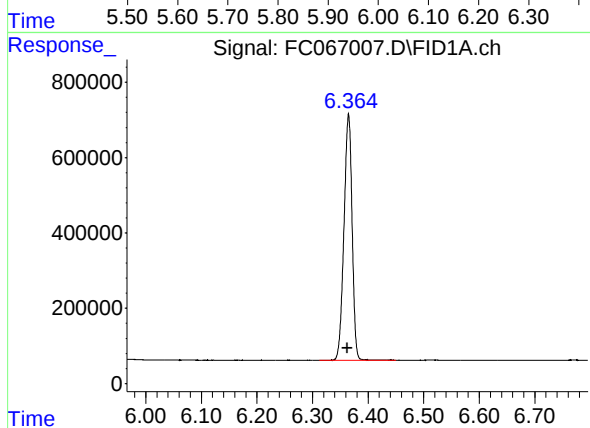
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.007 min
Response: 6394622
Conc: 42.67 ug/ml



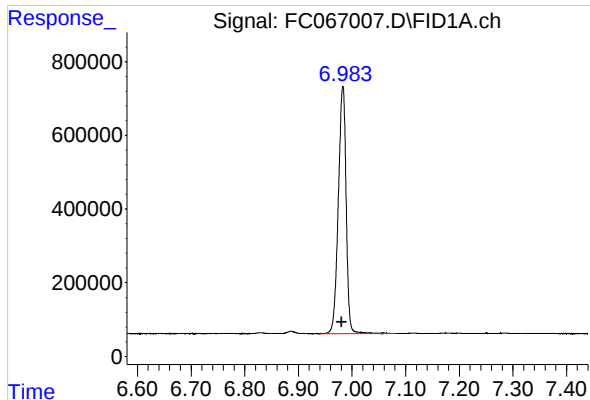
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 6885247
Conc: 43.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 6642702
Conc: 44.27 ug/ml



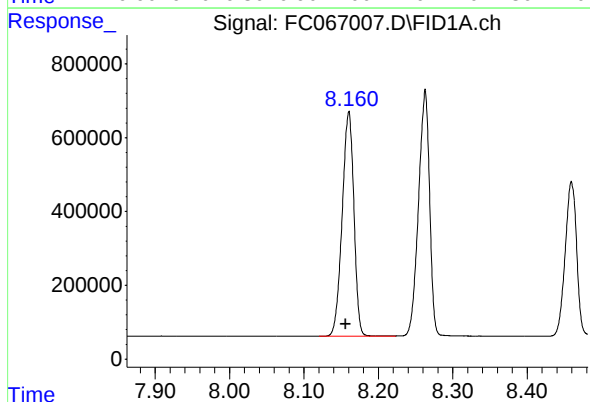
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.002 min
Response: 6784763
Conc: 45.11 ug/ml

Instrument :
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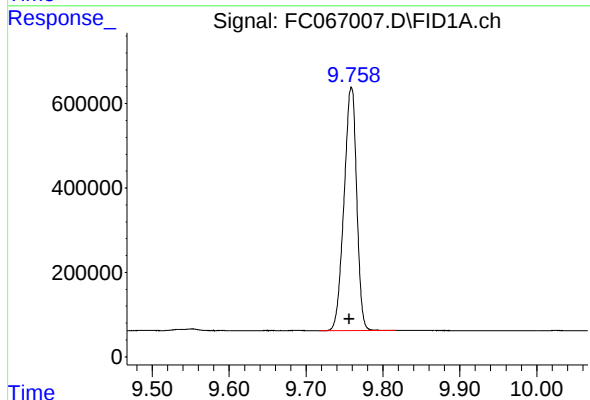
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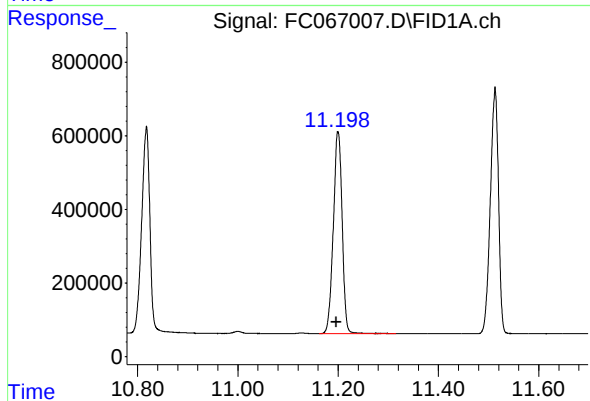
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: 0.004 min
Response: 6671176
Conc: 46.01 ug/ml



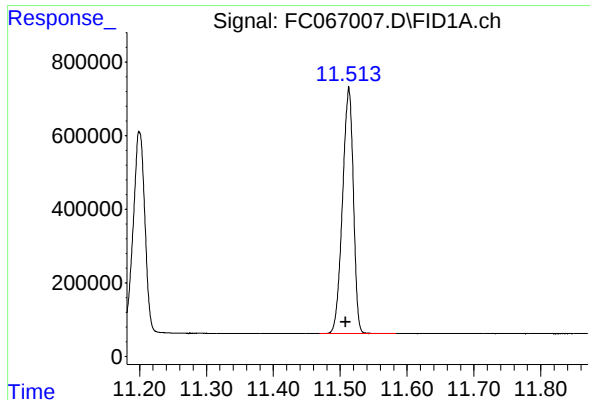
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: 0.003 min
Response: 6590006
Conc: 44.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.200 min
Delta R.T.: 0.004 min
Response: 6731772
Conc: 46.19 ug/ml



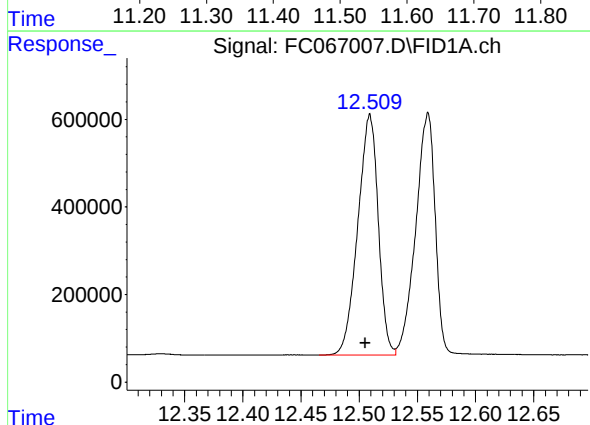
#9 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: 0.005 min
Response: 7545895
Conc: 49.57 ug/ml

Instrument :
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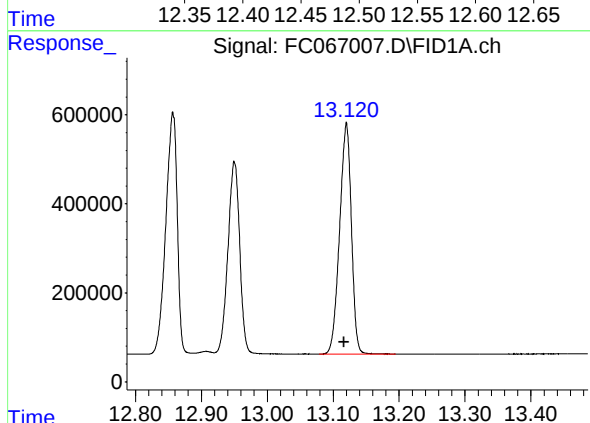
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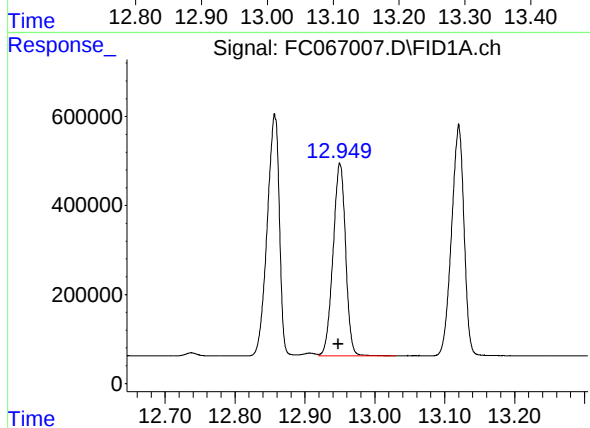
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.004 min
Response: 6717373
Conc: 49.05 ug/ml m



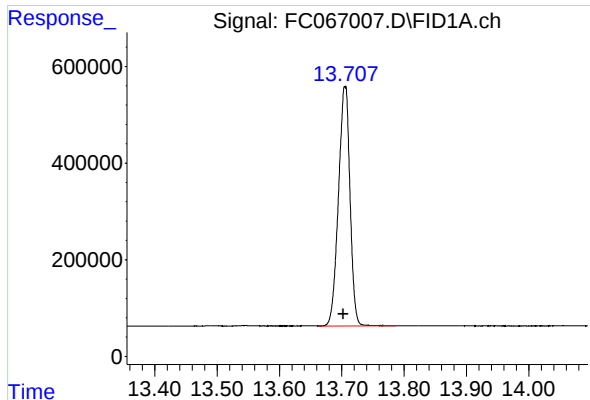
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.004 min
Response: 6441061
Conc: 48.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 5392257
Conc: 49.77 ug/ml



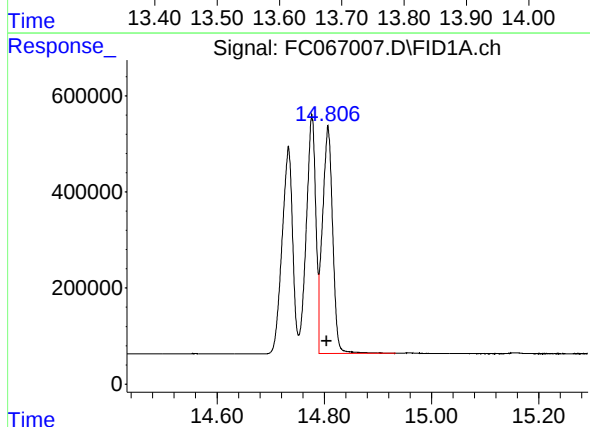
#13 n-Docosane (C22)

R.T.: 13.705 min
Delta R.T.: 0.003 min
Response: 6370568
Conc: 48.35 ug/ml

Instrument :
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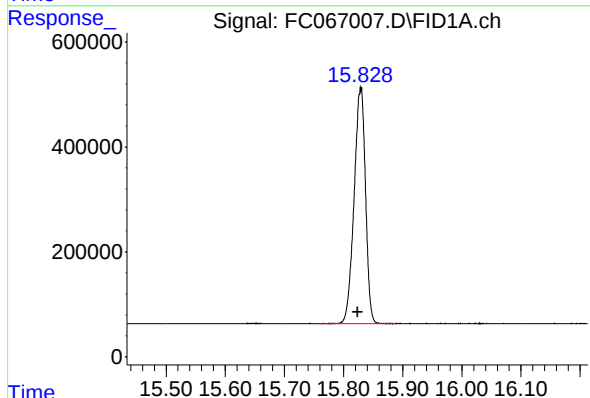
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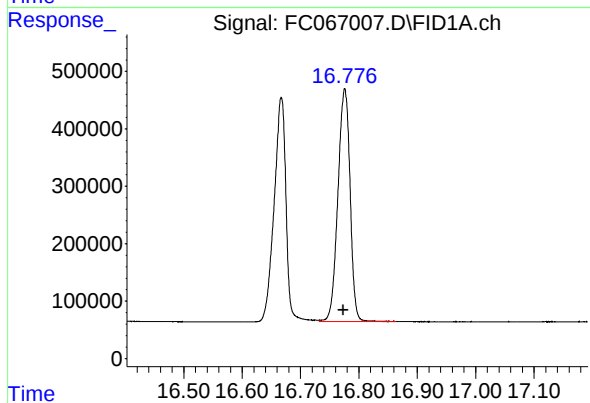
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: 0.002 min
Response: 6232810
Conc: 48.09 ug/ml



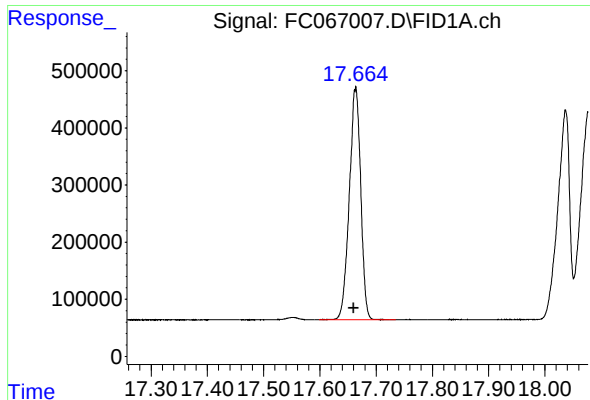
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.004 min
Response: 6019800
Conc: 47.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: 0.002 min
Response: 5879607
Conc: 47.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: 0.003 min
Response: 5728530
Conc: 45.58 ug/ml

Instrument :

FID_C

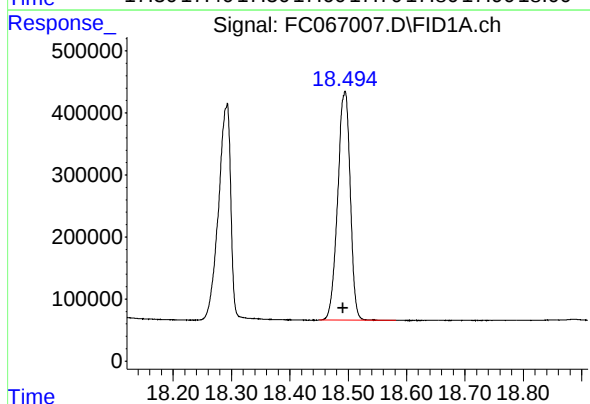
ClientSampleId :

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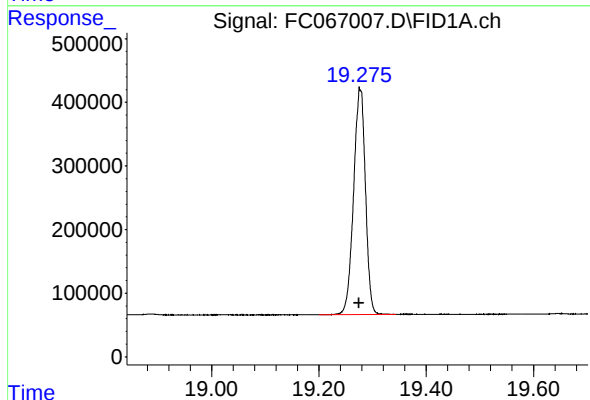
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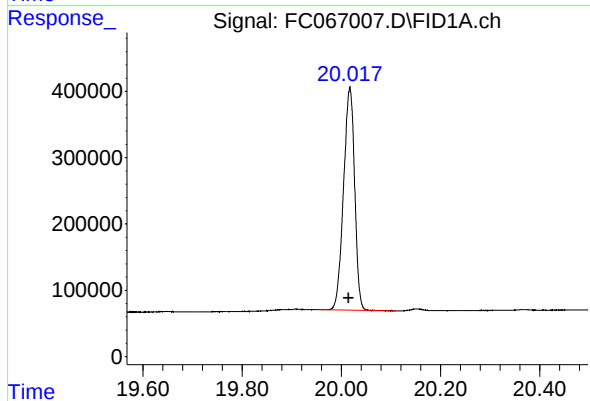
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.002 min
Response: 5504798
Conc: 44.57 ug/ml



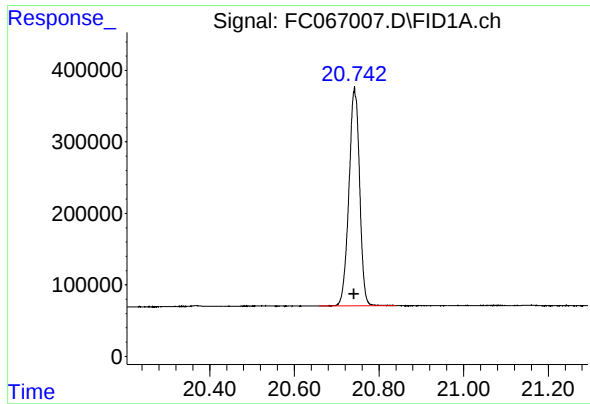
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.002 min
Response: 5471573
Conc: 45.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.003 min
Response: 5209010
Conc: 46.13 ug/ml



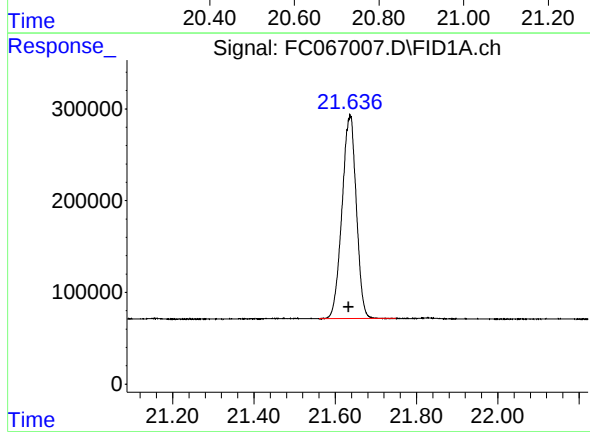
#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.002 min
Response: 5329926
Conc: 48.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.003 min
Response: 5419197
Conc: 53.05 ug/ml