

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071823AL\
 Data File : FC064152.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 04:53
 Operator : YP/AJ
 Sample : 03639-21MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e
 Quant Time: Jul 19 05:54:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.520	9831423	50.635 ug/ml
Spiked Amount 50.000		Recovery =	101.27%
12) S 1-chlorooctadecane (S...	12.953	5792197	41.631 ug/ml
Spiked Amount 50.000		Recovery =	83.26%
Target Compounds			
1) T n-Nonane (C9)	3.305	3867981	21.688 ug/ml
2) T n-Decane (C10)	4.367	4499929	24.868 ug/ml
3) T A~Naphthalene (C11.7)	5.945	5093075	27.304 ug/ml
4) T n-Dodecane (C12)	6.378	5005828	27.787 ug/ml
5) T A~2-methylnaphthalene...	7.000	5234766	29.745 ug/ml
6) T n-Tetradecane (C14)	8.171	5343098	30.887 ug/ml
7) T n-Hexadecane (C16)	9.766	5544333	31.917 ug/ml
8) T n-Octadecane (C18)	11.206	5641100	32.731 ug/ml
10) T n-Eicosane (C20)	12.511	5589584	34.240 ug/ml
11) T n-Heneicosane (C21)	13.121	5322711	33.221 ug/ml
13) T n-Docosane (C22)	13.704	5254049	33.436 ug/ml
14) T n-Tetracosane (C24)	14.803	4295373	27.251 ug/ml
15) T n-Hexacosane (C26)	15.823	5023680	33.250 ug/ml
16) T n-Octacosane (C28)	16.769	5014806	33.281 ug/ml
17) T n-Tricontane (C30)	17.653	4992319	31.976 ug/ml
18) T n-Dotriacontane (C32)	18.482	4957004	31.378 ug/ml
19) T n-Tetratriacontane (C34)	19.263	4949617	32.166 ug/ml
20) T n-Hexatriacontane (C36)	19.999	4924134	33.353 ug/mlm
21) T n-Octatriacontane (C38)	20.722	5113920	34.524 ug/ml
22) T n-Tetracontane (C40)	21.607	5124922	35.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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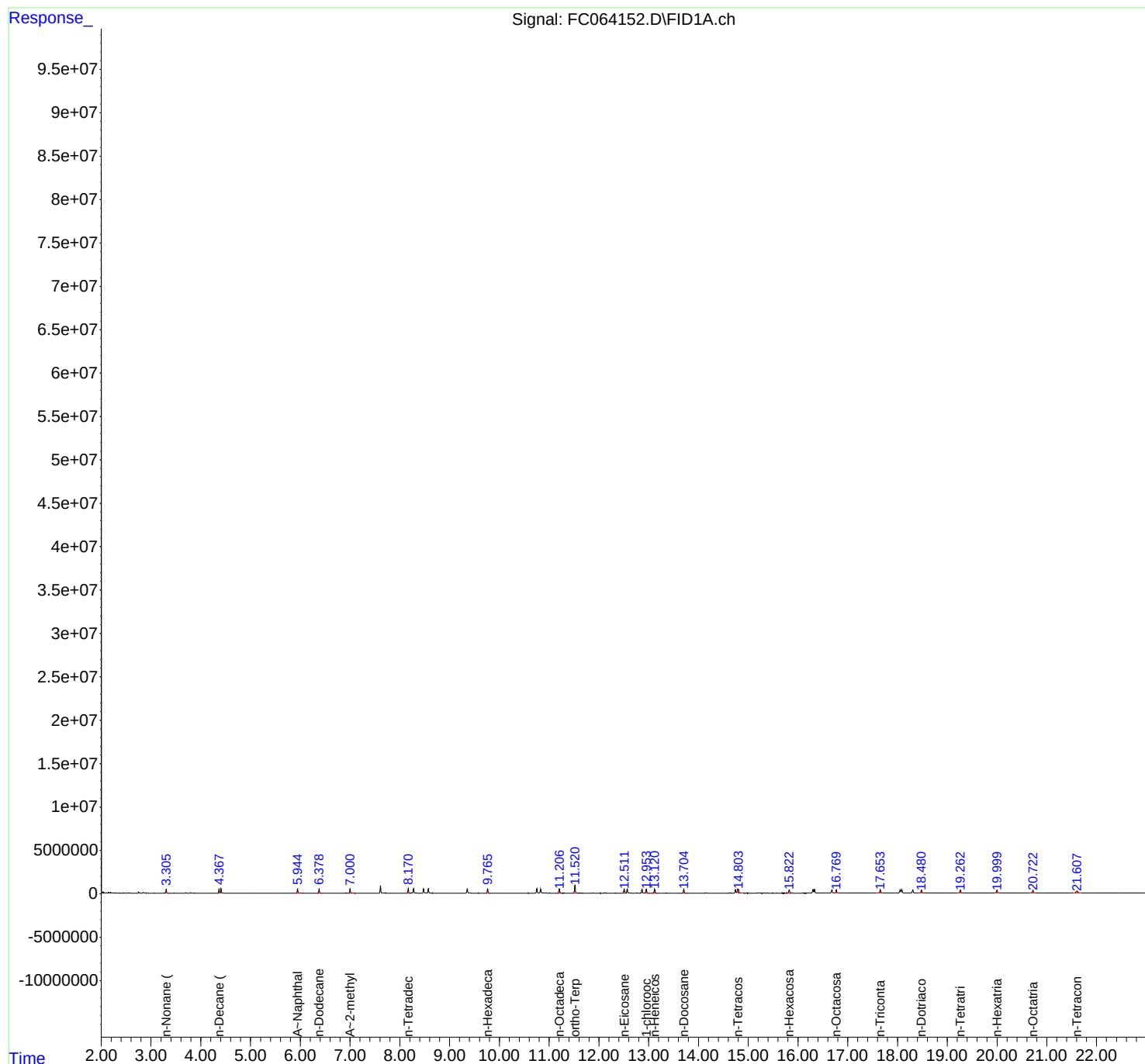
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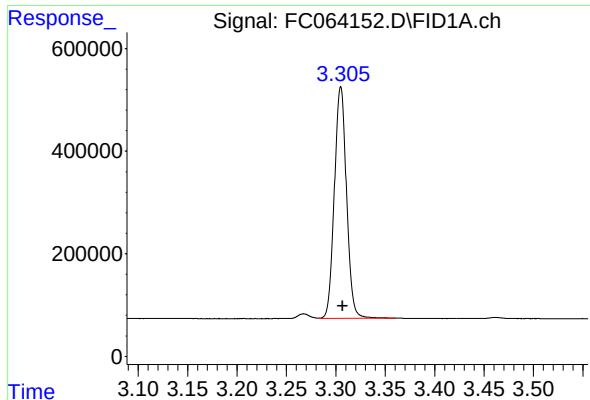
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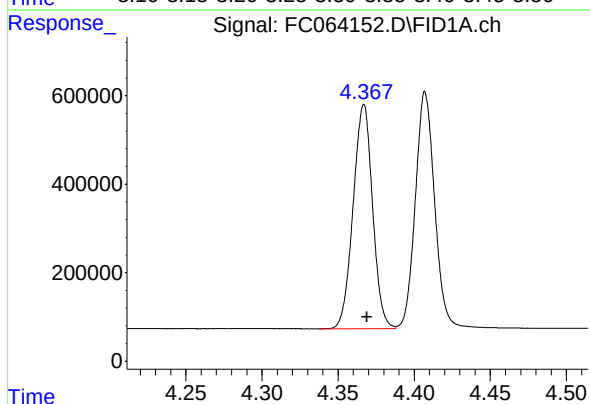
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3867981
Conc: 21.69 ug/ml

Instrument :
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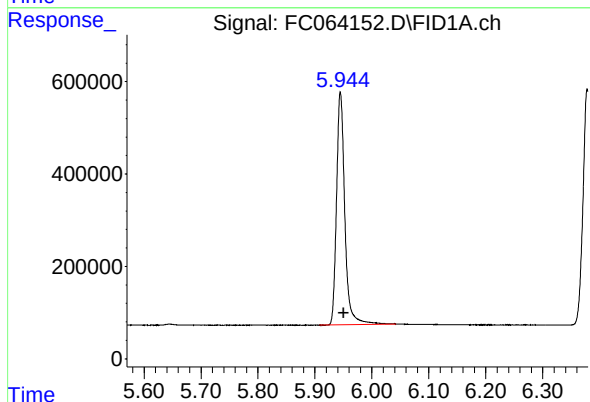
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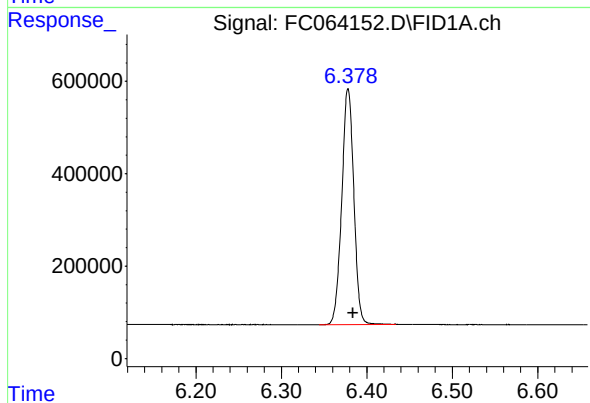
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 4499929
Conc: 24.87 ug/ml



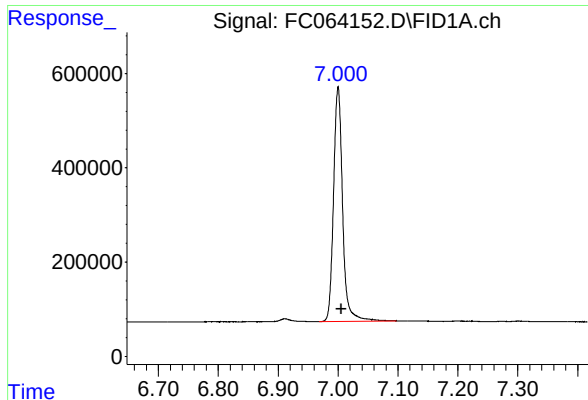
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 5093075
Conc: 27.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 5005828
Conc: 27.79 ug/ml



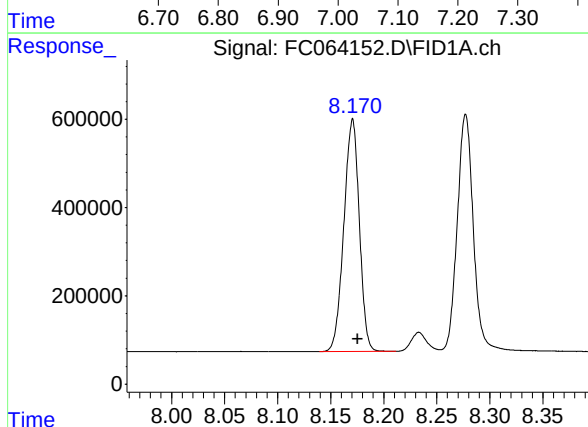
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 5234766
Conc: 29.74 ug/ml

Instrument :
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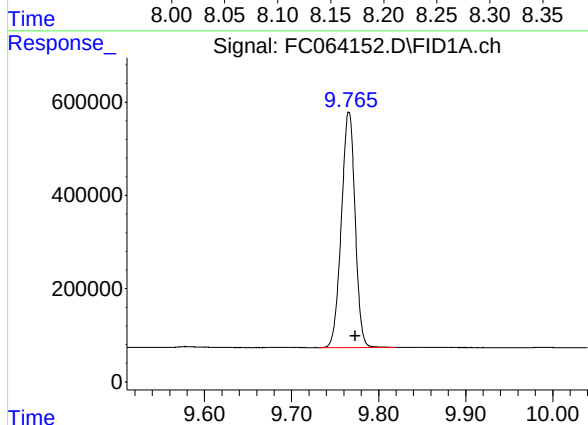
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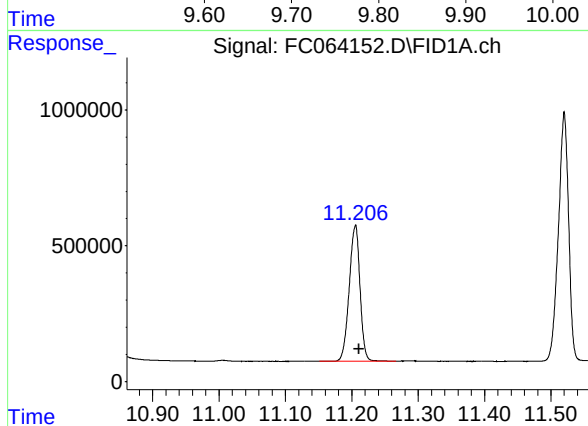
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 5343098
Conc: 30.89 ug/ml



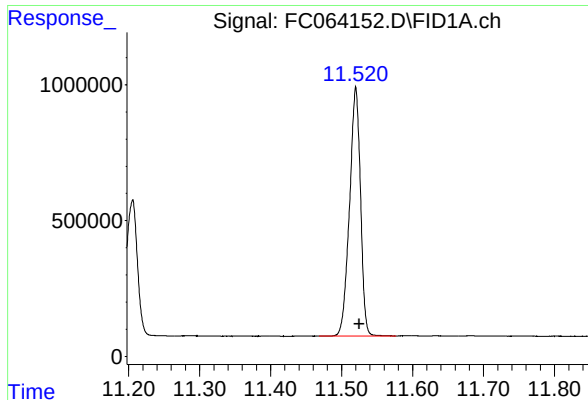
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.007 min
Response: 5544333
Conc: 31.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.005 min
Response: 5641100
Conc: 32.73 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.005 min
Response: 9831423
Conc: 50.63 ug/ml

Instrument :

FID_C

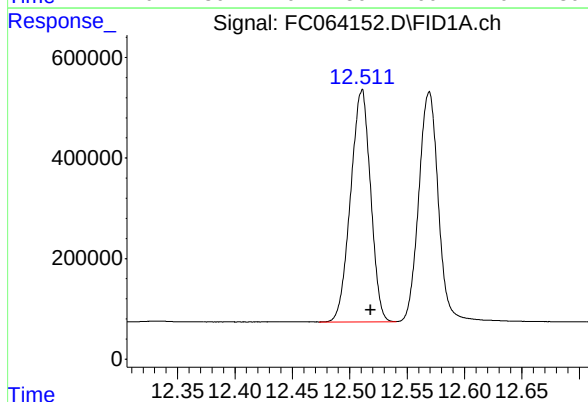
ClientSampleId :

TP5MSD

Manual Integrations

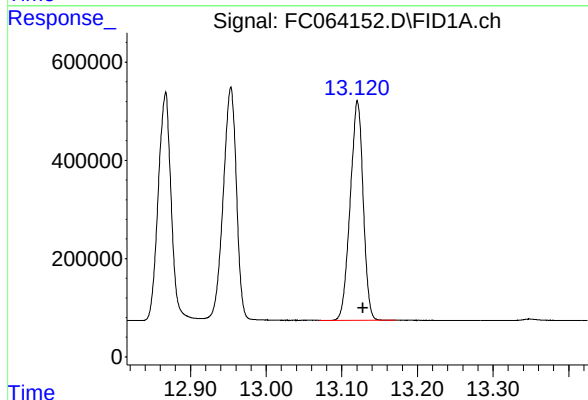
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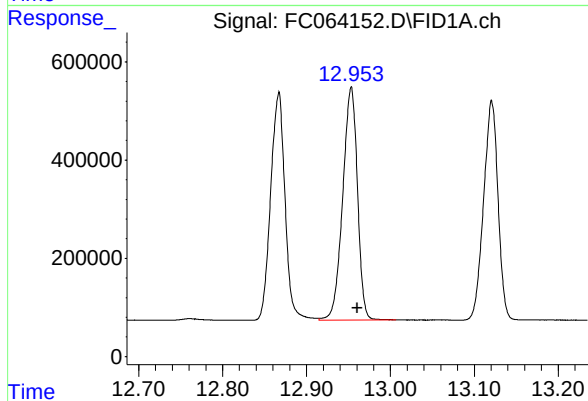
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.007 min
Response: 5589584
Conc: 34.24 ug/ml



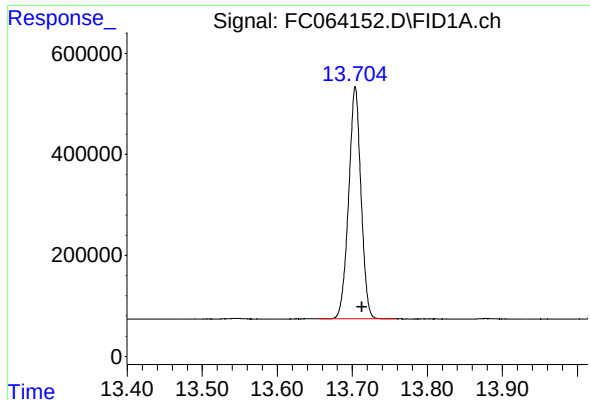
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: -0.007 min
Response: 5322711
Conc: 33.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: -0.007 min
Response: 5792197
Conc: 41.63 ug/ml



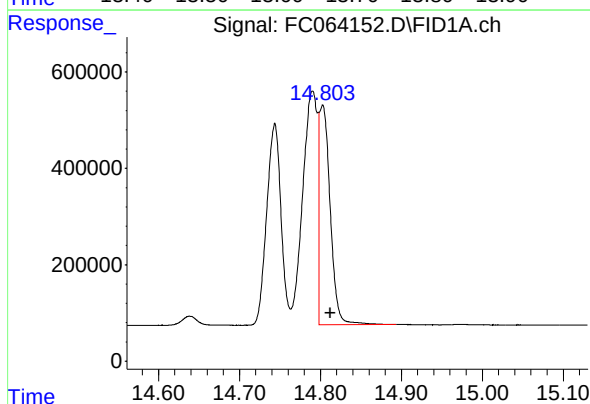
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: -0.009 min
Response: 5254049
Conc: 33.44 ug/ml

Instrument :
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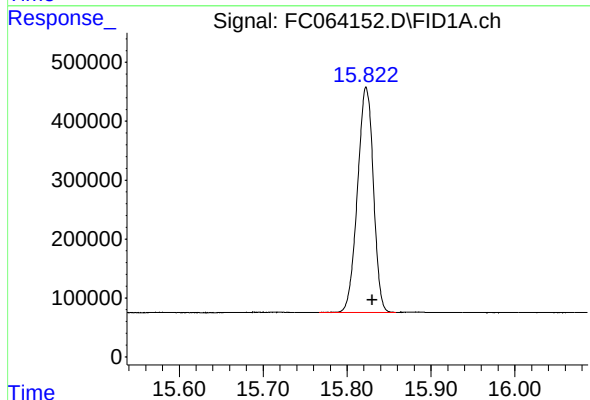
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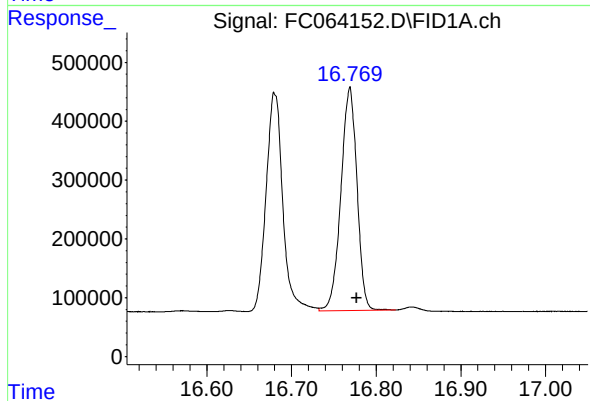
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.010 min
Response: 4295373
Conc: 27.25 ug/ml



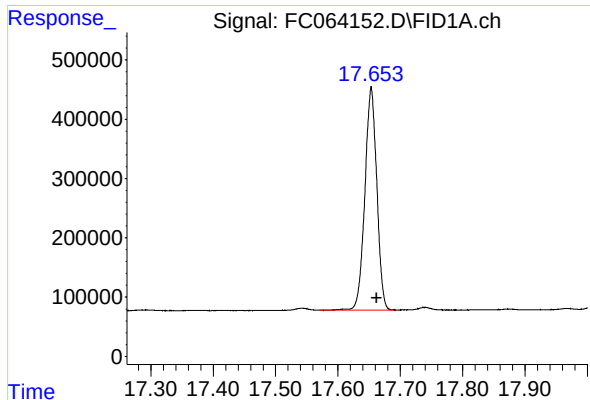
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: -0.007 min
Response: 5023680
Conc: 33.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: -0.008 min
Response: 5014806
Conc: 33.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.009 min
Response: 4992319
Conc: 31.98 ug/ml

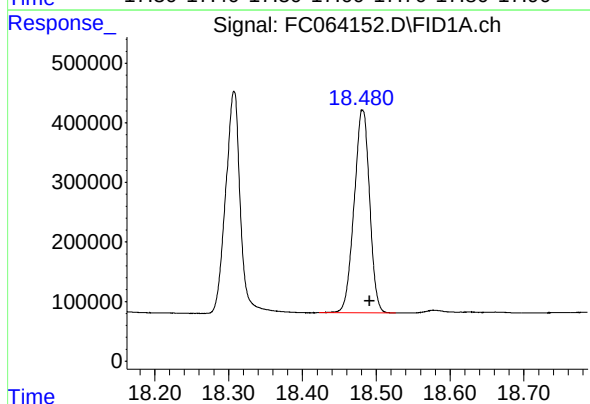
Instrument :

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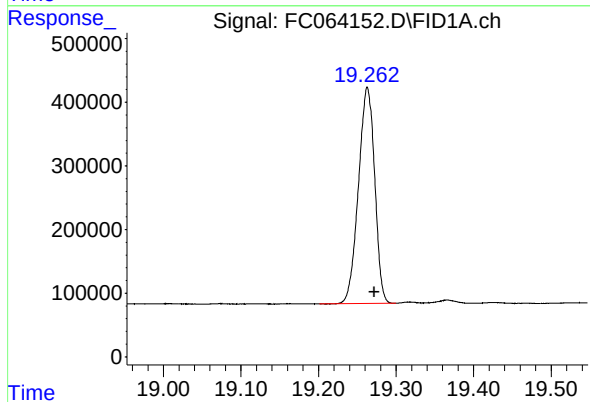
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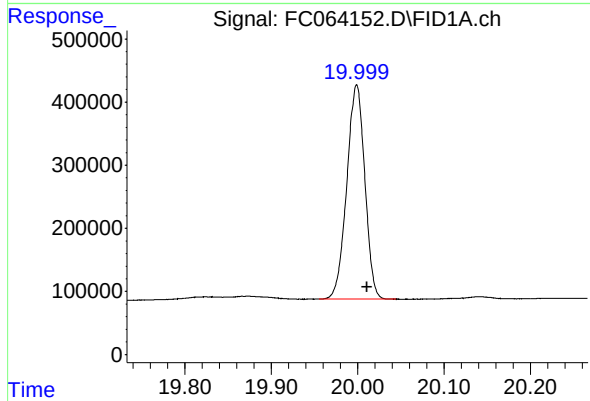
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.009 min
Response: 4957004
Conc: 31.38 ug/ml



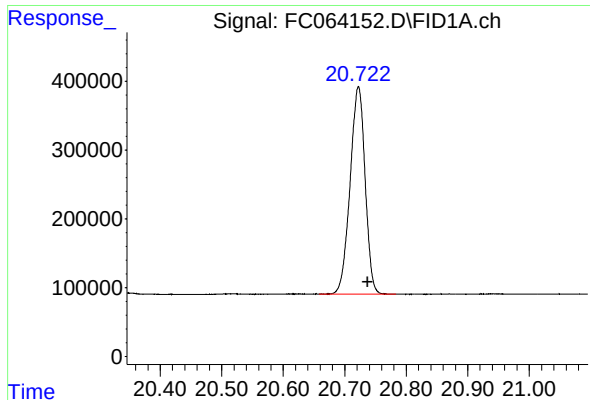
#19 n-Tetratriacontane (C34)

R.T.: 19.263 min
Delta R.T.: -0.009 min
Response: 4949617
Conc: 32.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.999 min
Delta R.T.: -0.012 min
Response: 4924134
Conc: 33.35 ug/ml m



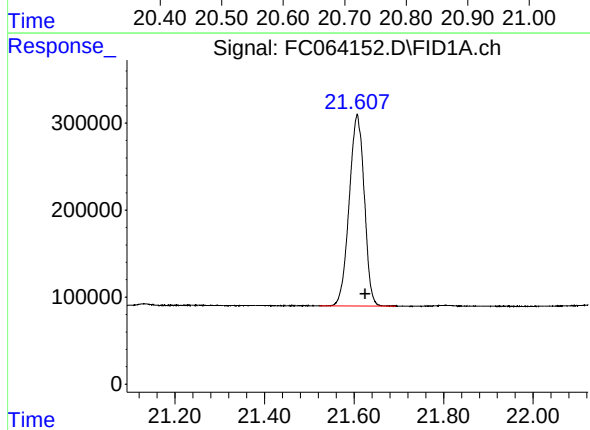
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 5113920
Conc: 34.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.018 min
Response: 5124922
Conc: 35.16 ug/ml