

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063921.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 19:24
 Operator : YP/AJ
 Sample : PB153610BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153610BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 02:32:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.526	6643784	36.407 ug/ml
Spiked Amount 50.000		Recovery =	72.81%
12) S 1-chlorooctadecane (S...	12.959	4968828	38.888 ug/ml
Spiked Amount 50.000		Recovery =	77.78%
Target Compounds			
1) T n-Nonane (C9)	3.329	7186170	45.088 ug/ml
2) T n-Decane (C10)	4.381	7439299	46.021 ug/ml
3) T A~Naphthalene (C11.7)	5.953	7764777	44.695 ug/ml
4) T n-Dodecane (C12)	6.386	7519700	45.989 ug/ml
5) T A~2-methylnaphthalene...	7.008	7333554	44.765 ug/ml
6) T n-Tetradecane (C14)	8.177	7338199	46.660 ug/ml
7) T n-Hexadecane (C16)	9.775	7342772	46.140 ug/ml
8) T n-Octadecane (C18)	11.214	7115129	44.968 ug/ml
10) T n-Eicosane (C20)	12.519	6904780	46.688 ug/ml
11) T n-Heneicosane (C21)	13.128	6544647	45.467 ug/ml
13) T n-Docosane (C22)	13.713	6416435	45.548 ug/ml
14) T n-Tetracosane (C24)	14.797	12287050	89.543 ug/mlm
15) T n-Hexacosane (C26)	15.830	6033958	45.507 ug/ml
16) T n-Octacosane (C28)	16.777	5968611	47.005 ug/ml
17) T n-Tricontane (C30)	17.662	6002796	46.984 ug/ml
18) T n-Dotriacontane (C32)	18.491	5974023	48.010 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5963099	48.363 ug/ml
20) T n-Hexatriacontane (C36)	20.007	5704680	47.530 ug/mlm
21) T n-Octatriacontane (C38)	20.732	5562018	46.069 ug/ml
22) T n-Tetracontane (C40)	21.620	5380317	44.403 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
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Acq On : 20 Jun 2023 19:24
Operator : YP/AJ
Sample : PB153610BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

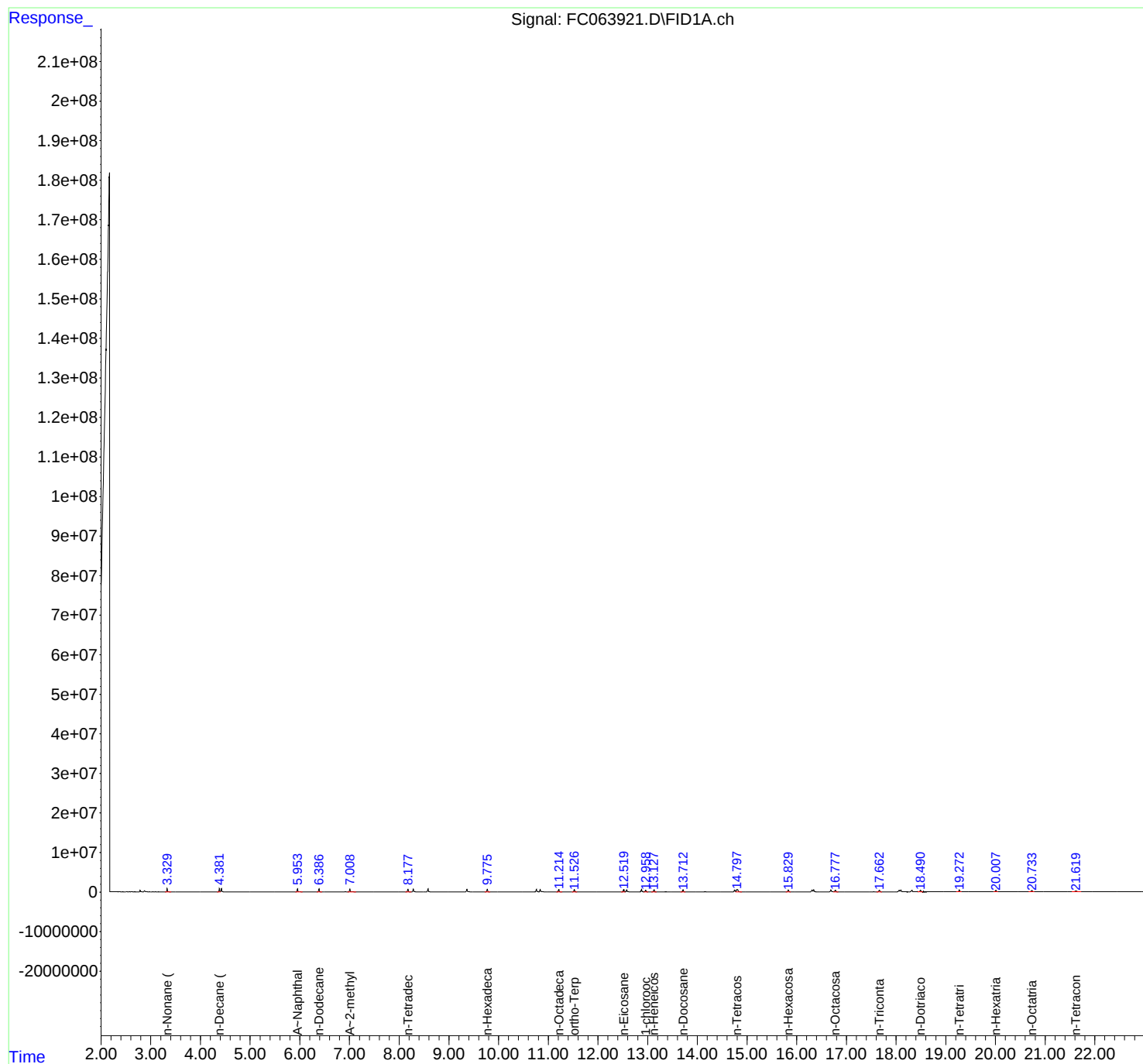
Instrument :
FID_C
ClientSampleId :
PB153610BSD

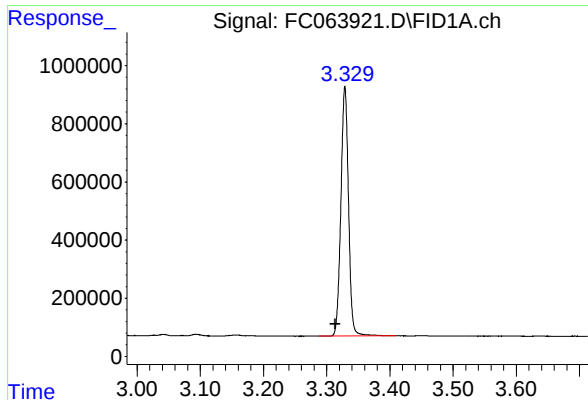
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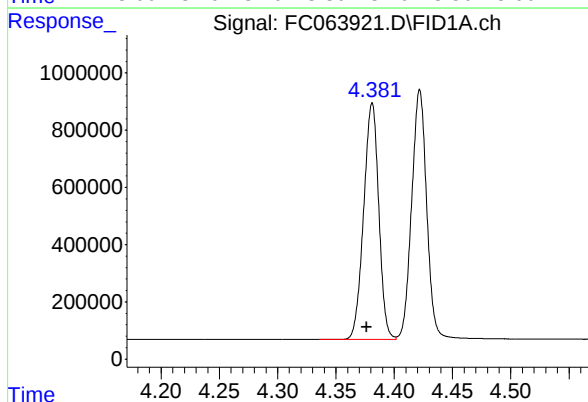
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.015 min
Response: 7186170
Conc: 45.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153610BSD

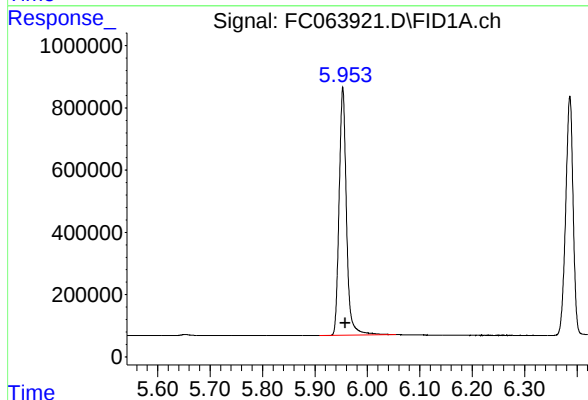
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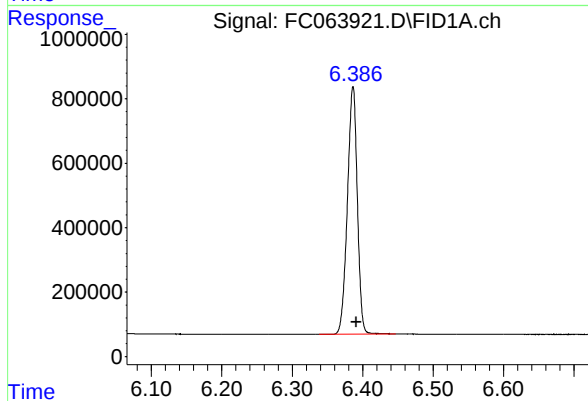
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.005 min
Response: 7439299
Conc: 46.02 ug/ml



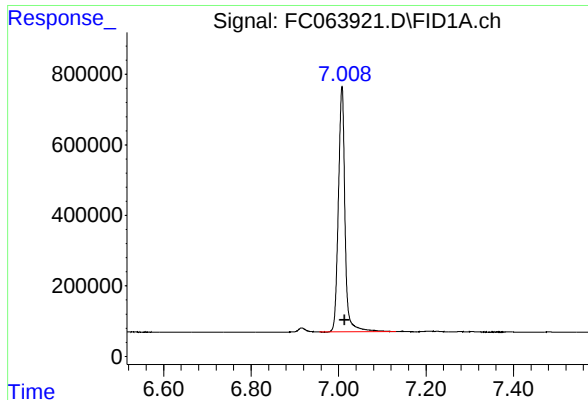
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 7764777
Conc: 44.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 7519700
Conc: 45.99 ug/ml



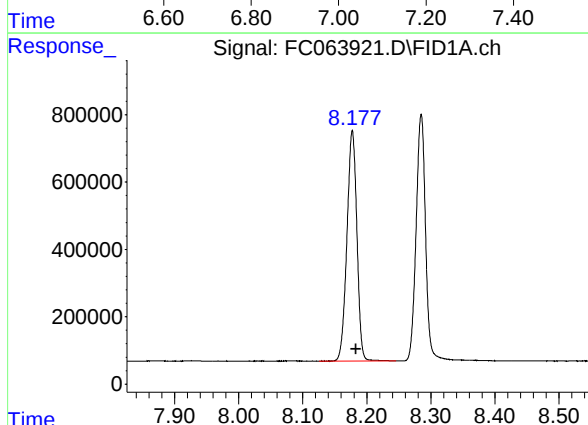
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 7333554
Conc: 44.77 ug/ml

Instrument :
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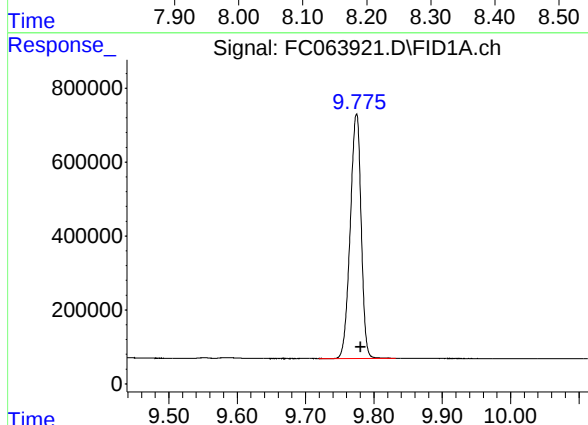
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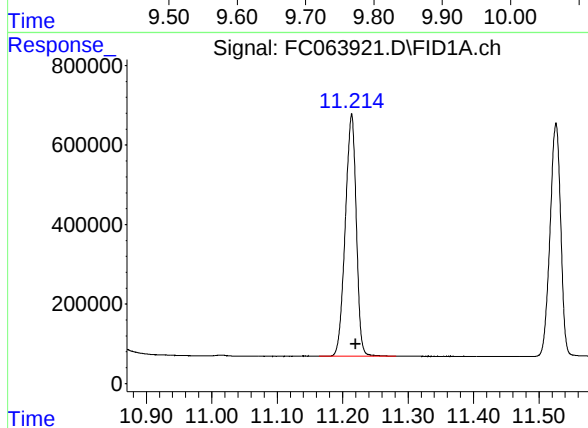
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 7338199
Conc: 46.66 ug/ml



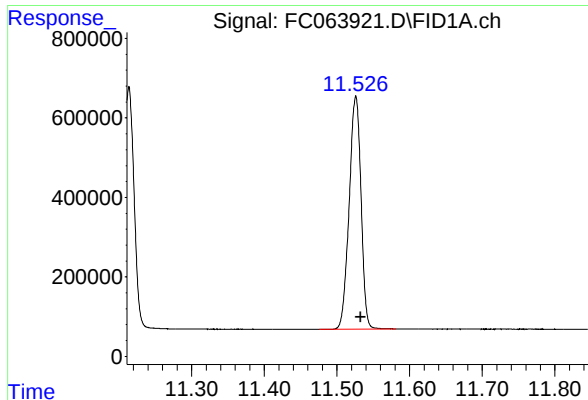
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.006 min
Response: 7342772
Conc: 46.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.006 min
Response: 7115129
Conc: 44.97 ug/ml



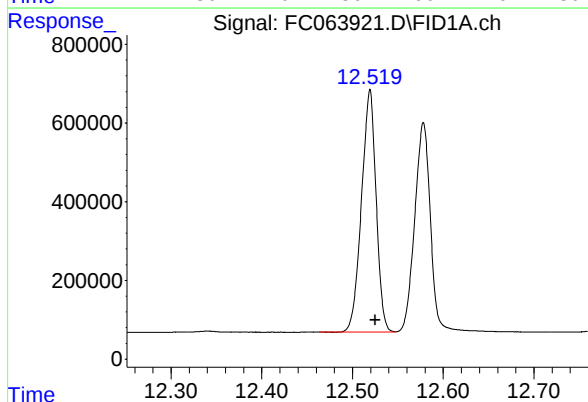
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.007 min
Response: 6643784
Conc: 36.41 ug/ml

Instrument :
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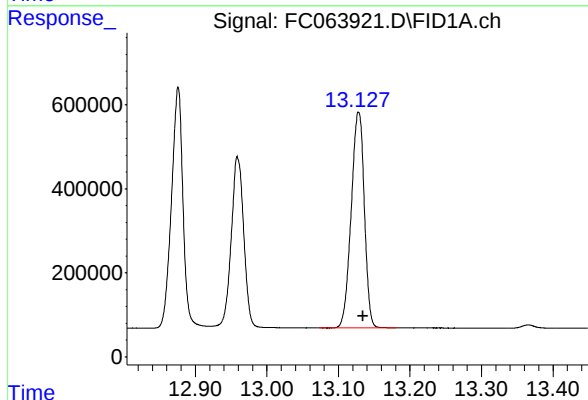
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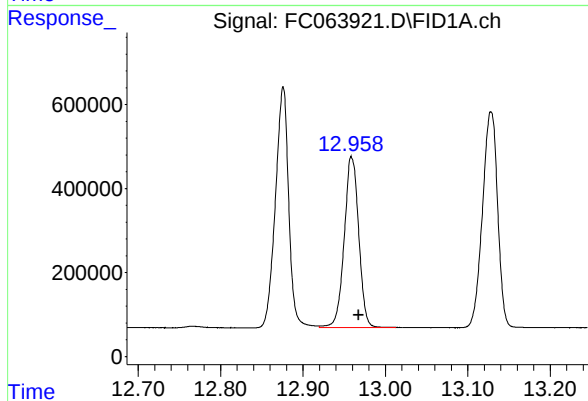
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 6904780
Conc: 46.69 ug/ml



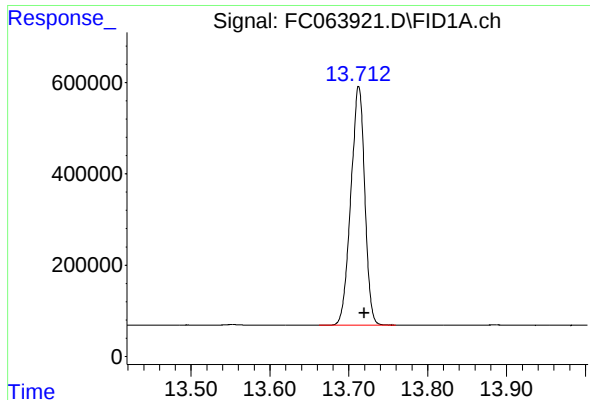
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: -0.006 min
Response: 6544647
Conc: 45.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.009 min
Response: 4968828
Conc: 38.89 ug/ml



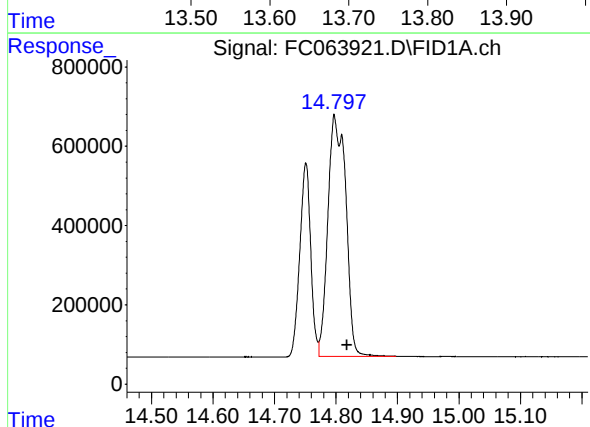
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: -0.007 min
Response: 6416435
Conc: 45.55 ug/ml

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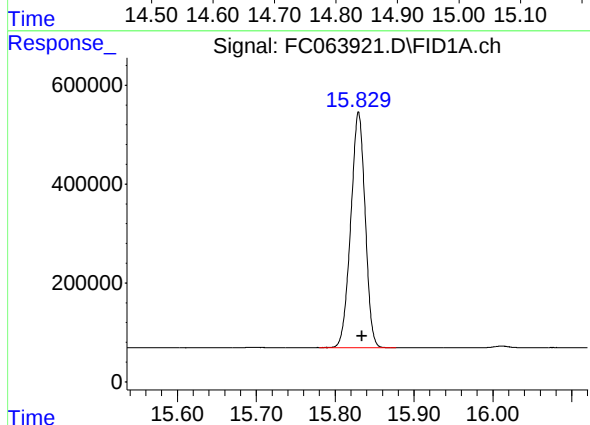
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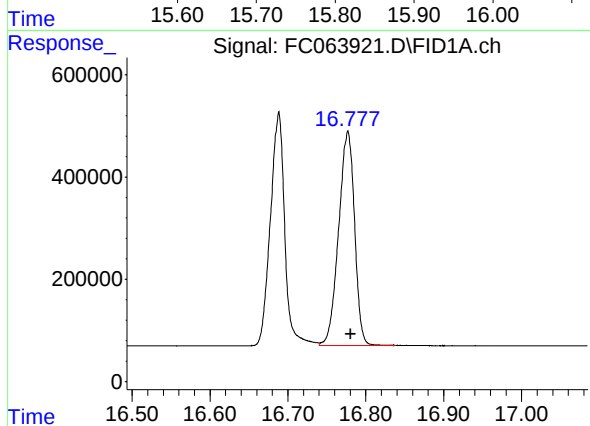
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.021 min
Response: 12287050
Conc: 89.54 ug/ml m



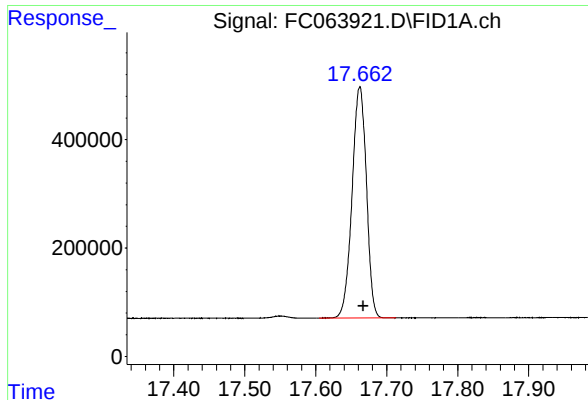
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.004 min
Response: 6033958
Conc: 45.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.777 min
Delta R.T.: -0.004 min
Response: 5968611
Conc: 47.01 ug/ml



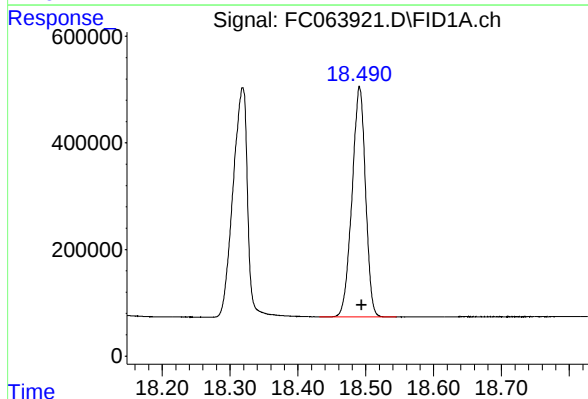
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: -0.005 min
Response: 6002796
Conc: 46.98 ug/ml

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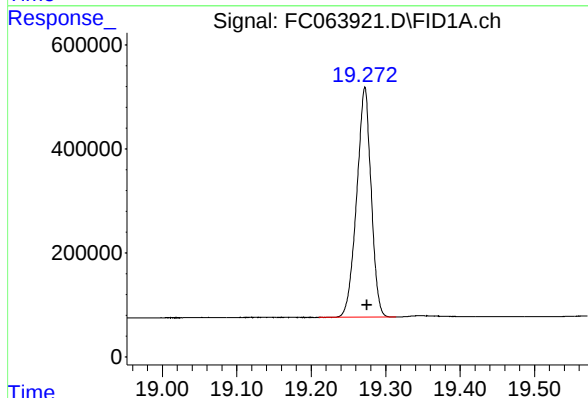
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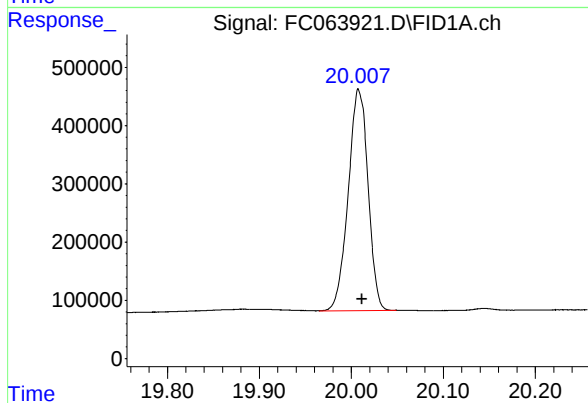
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 5974023
Conc: 48.01 ug/ml



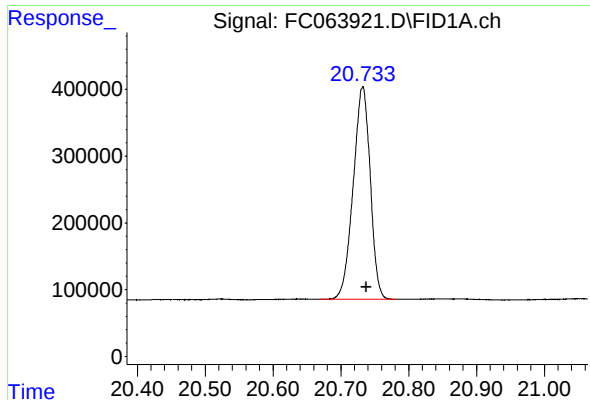
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.003 min
Response: 5963099
Conc: 48.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 5704680
Conc: 47.53 ug/ml m



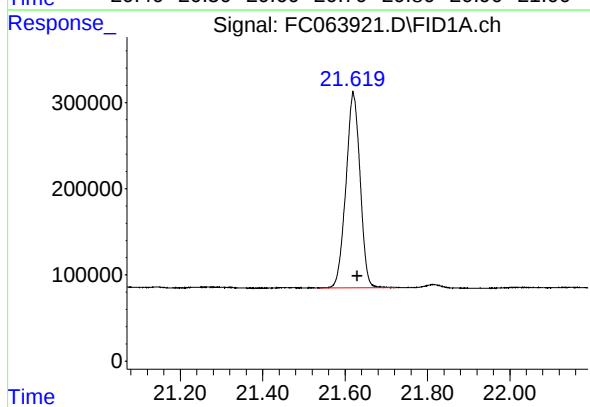
#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 5562018
Conc: 46.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.010 min
Response: 5380317
Conc: 44.40 ug/ml