

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063343.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 22:27
 Operator : YP/AJ
 Sample : 02213-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 06:26:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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			
12) S 1-chlorooctadecane (S...	12.970	4700838	42.485 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
Target Compounds			
1) T n-Nonane (C9)	3.301	156993	1.118 ug/ml
2) T n-Decane (C10)	4.366	196281	1.440 ug/ml
4) T n-Dodecane (C12)	6.384	262756	1.953 ug/ml
6) T n-Tetradecane (C14)	8.178	232753	1.719 ug/ml
7) T n-Hexadecane (C16)	9.777	241087	1.775 ug/ml
8) T n-Octadecane (C18)	11.218	263517	1.902 ug/ml
10) T n-Eicosane (C20)	12.525	268914	2.002 ug/ml
11) T n-Heneicosane (C21)	13.136	243820	1.812 ug/ml
13) T n-Docosane (C22)	13.721	271238	2.034 ug/mlm
14) T n-Tetracosane (C24)	14.824	280415	2.086 ug/mlm
15) T n-Hexacosane (C26)	15.841	258102	1.928 ug/ml
16) T n-Octacosane (C28)	16.788	261913	1.934 ug/ml
17) T n-Tricontane (C30)	17.673	276768	2.001 ug/ml
18) T n-Dotriacontane (C32)	18.504	292011	2.068 ug/ml
19) T n-Tetratriacontane (C34)	19.285	279148	2.023 ug/ml
20) T n-Hexatriacontane (C36)	20.023	222980	1.745 ug/ml
21) T n-Octatriacontane (C38)	20.746	240167	1.950 ug/mlm
22) T n-Tetracontane (C40)	21.642	194341	1.651 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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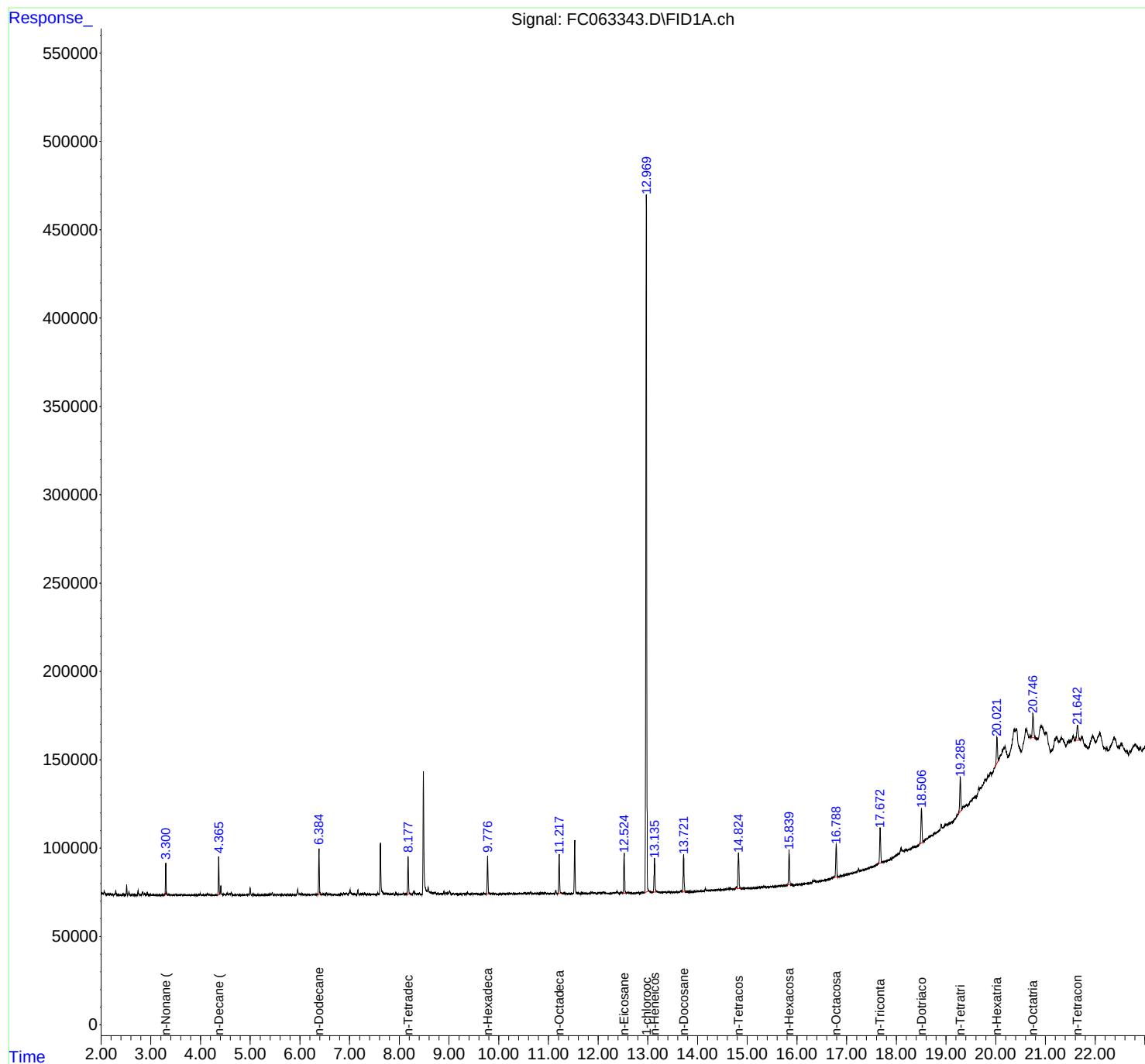
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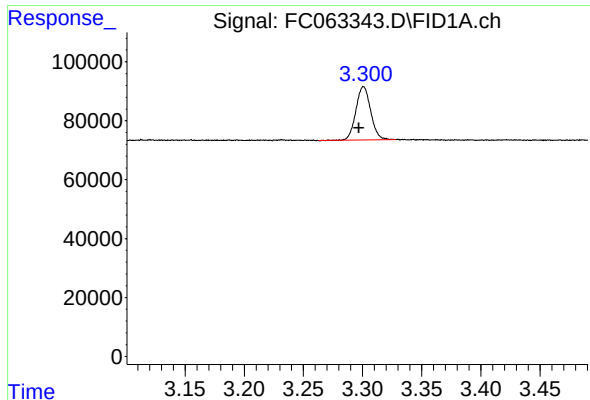
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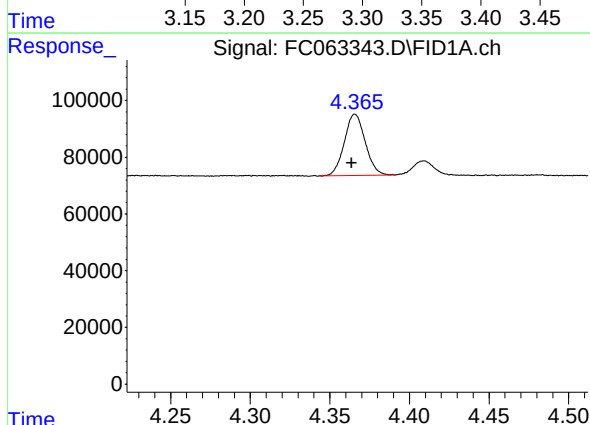
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.004 min
Response: 156993
Conc: 1.12 ug/ml

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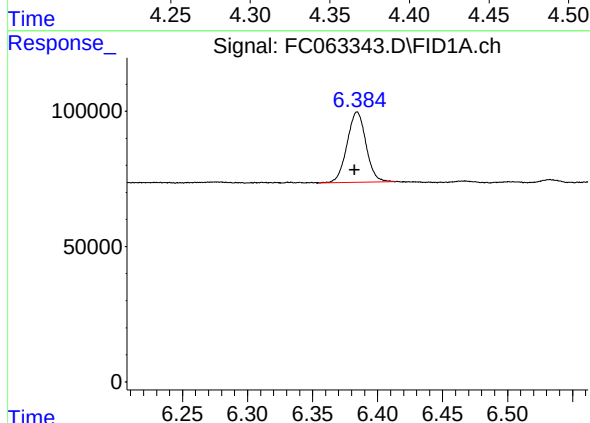
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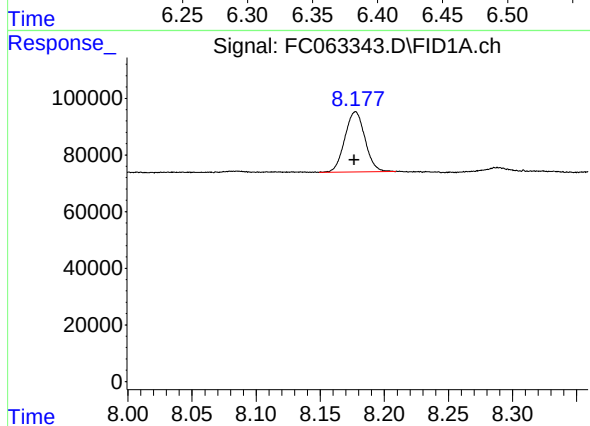
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 196281
Conc: 1.44 ug/ml



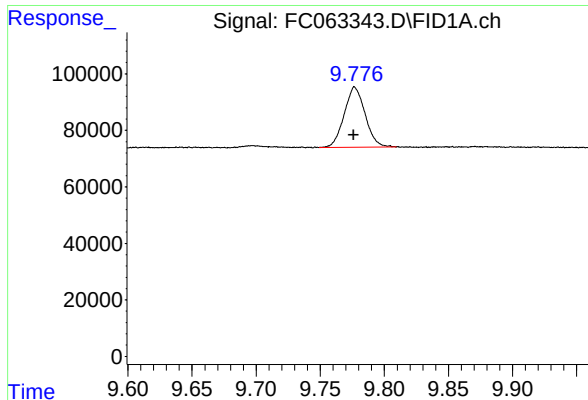
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 262756
Conc: 1.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 232753
Conc: 1.72 ug/ml



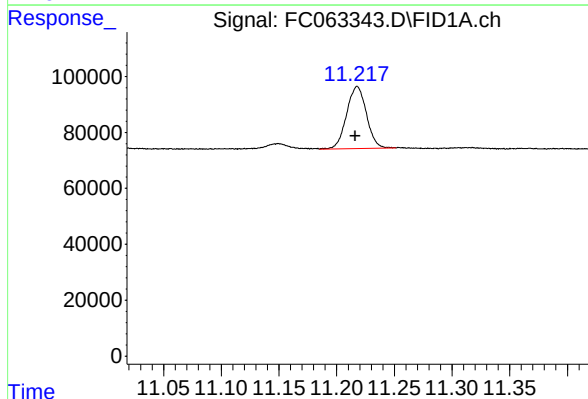
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 241087
Conc: 1.78 ug/ml

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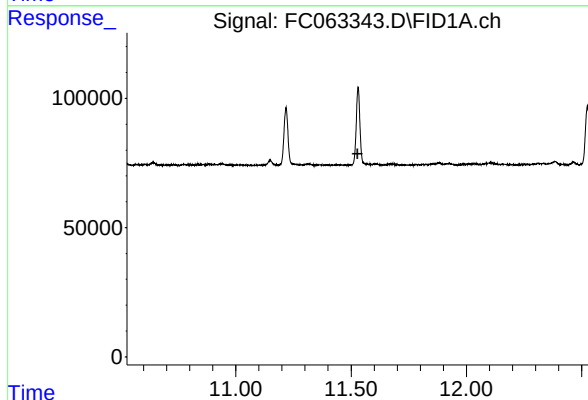
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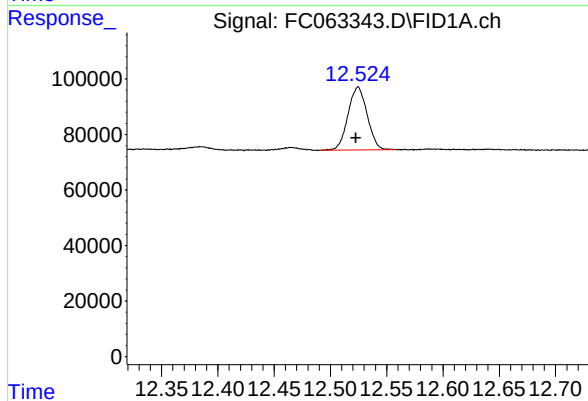
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 263517
Conc: 1.90 ug/ml



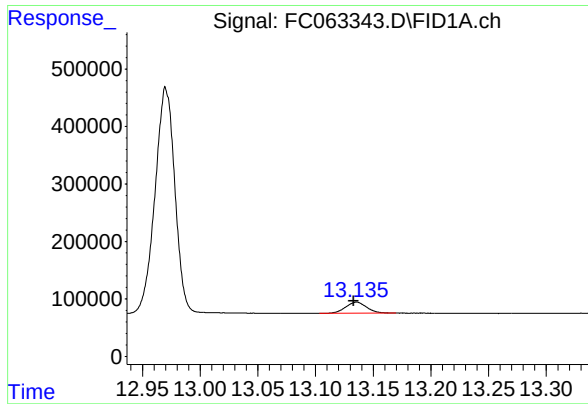
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.002 min
Response: 268914
Conc: 2.00 ug/ml



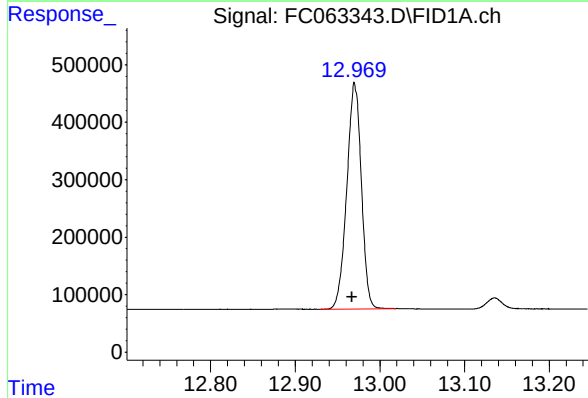
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 243820
Conc: 1.81 ug/ml

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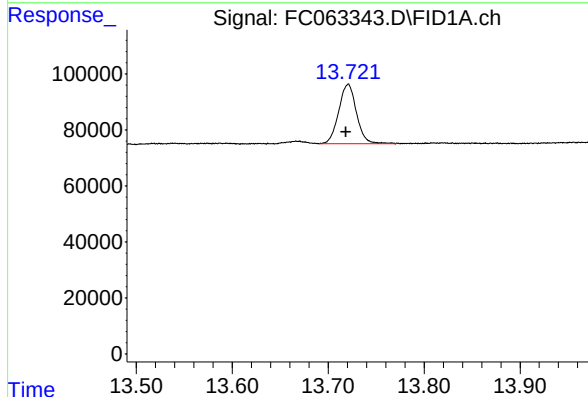
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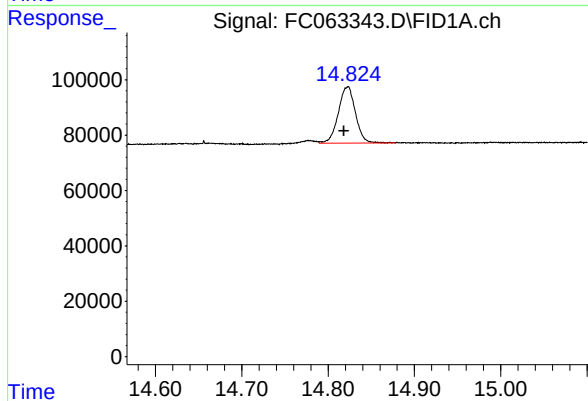
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 4700838
Conc: 42.49 ug/ml



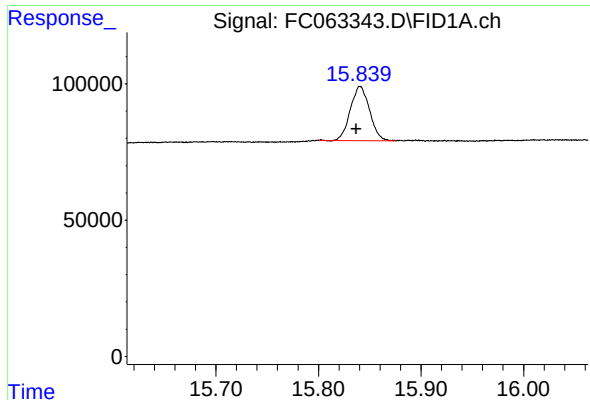
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: 0.002 min
Response: 271238
Conc: 2.03 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.005 min
Response: 280415
Conc: 2.09 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.004 min
Response: 258102
Conc: 1.93 ug/ml

Instrument :

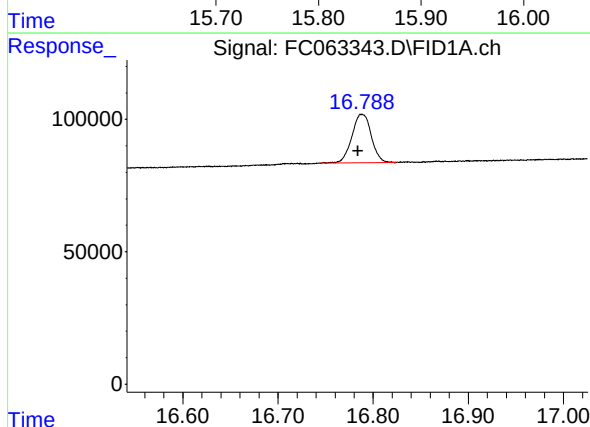
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ClientSampleId :

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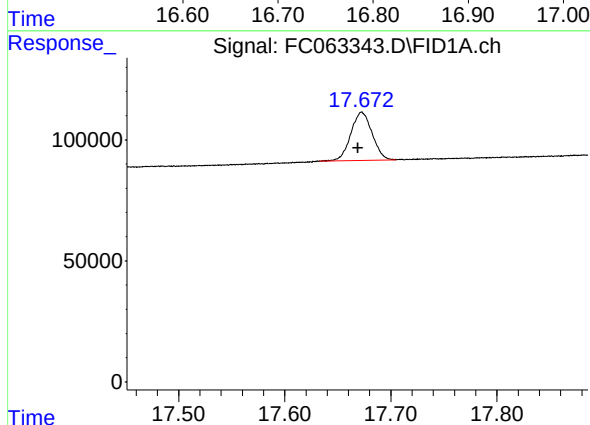
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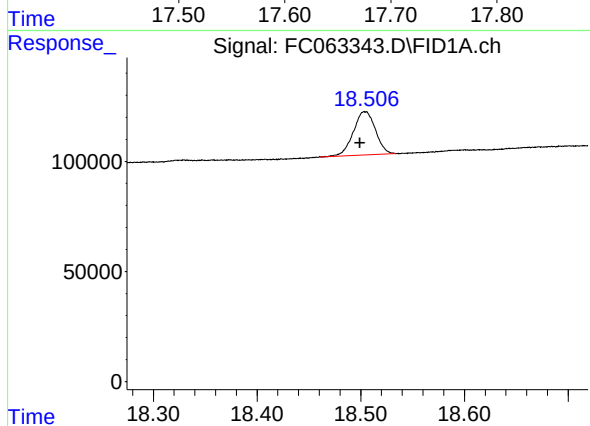
#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.004 min
Response: 261913
Conc: 1.93 ug/ml



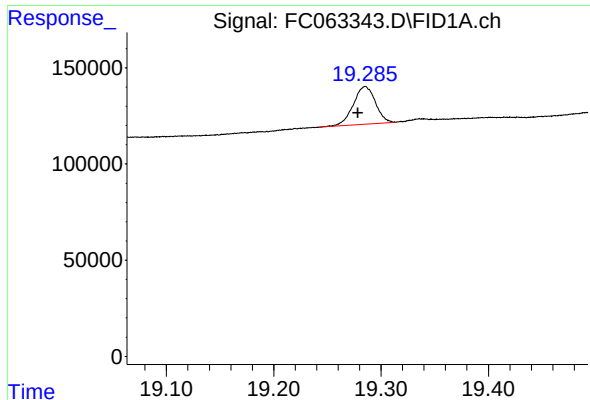
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: 0.003 min
Response: 276768
Conc: 2.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.005 min
Response: 292011
Conc: 2.07 ug/ml



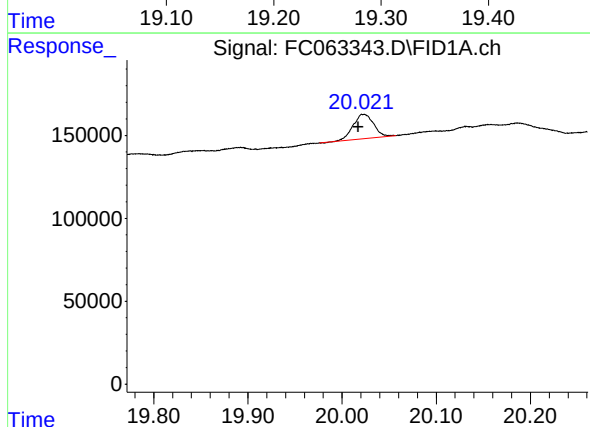
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.006 min
Response: 279148
Conc: 2.02 ug/ml

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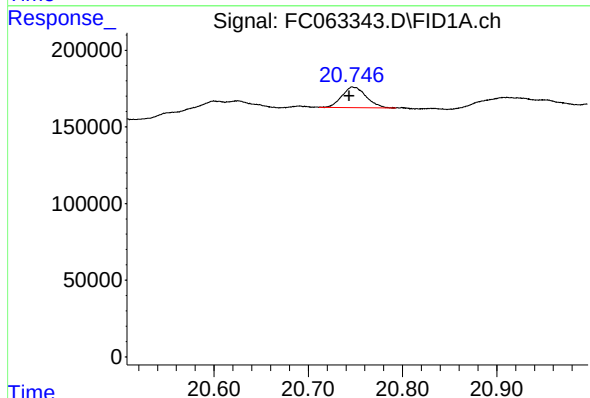
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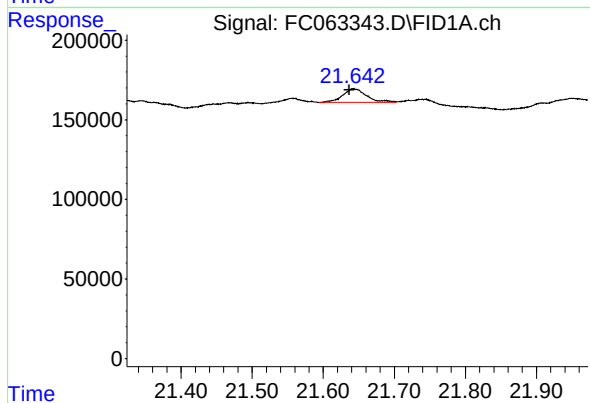
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: 0.005 min
Response: 222980
Conc: 1.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: 0.003 min
Response: 240167
Conc: 1.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.005 min
Response: 194341
Conc: 1.65 ug/ml m