

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC063022.D
 Signal(s) : FID1A.ch
 Acq On : 24 Feb 2023 14:12
 Operator : YP/AJ
 Sample : 01627-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 02:29:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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...	12.974	4225143	43.314 ug/ml
Spiked Amount 50.000		Recovery =	86.63%
Target Compounds			
1) T n-Nonane (C9)	3.295	153733	1.297 ug/ml
2) T n-Decane (C10)	4.362	187810	1.629 ug/ml
4) T n-Dodecane (C12)	6.381	262944	2.277 ug/ml
6) T n-Tetradecane (C14)	8.177	230542	2.040 ug/ml
7) T n-Hexadecane (C16)	9.778	240880	2.094 ug/ml
8) T n-Octadecane (C18)	11.219	268099	2.302 ug/ml
10) T n-Eicosane (C20)	12.528	271609	2.384 ug/ml
11) T n-Heneicosane (C21)	13.138	239504	2.102 ug/ml
13) T n-Docosane (C22)	13.724	263204	2.334 ug/ml
14) T n-Tetracosane (C24)	14.826	288325	2.573 ug/mlm
15) T n-Hexacosane (C26)	15.845	251064	2.270 ug/ml
16) T n-Octacosane (C28)	16.792	242204	2.201 ug/ml
17) T n-Tricontane (C30)	17.679	256500	2.329 ug/ml
18) T n-Dotriacontane (C32)	18.510	265039	2.375 ug/ml
19) T n-Tetratriacontane (C34)	19.291	259685	2.323 ug/ml
20) T n-Hexatriacontane (C36)	20.029	251910	2.321 ug/ml
21) T n-Octatriacontane (C38)	20.756	249199	2.293 ug/ml
22) T n-Tetracontane (C40)	21.655	247527	2.275 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 01627-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

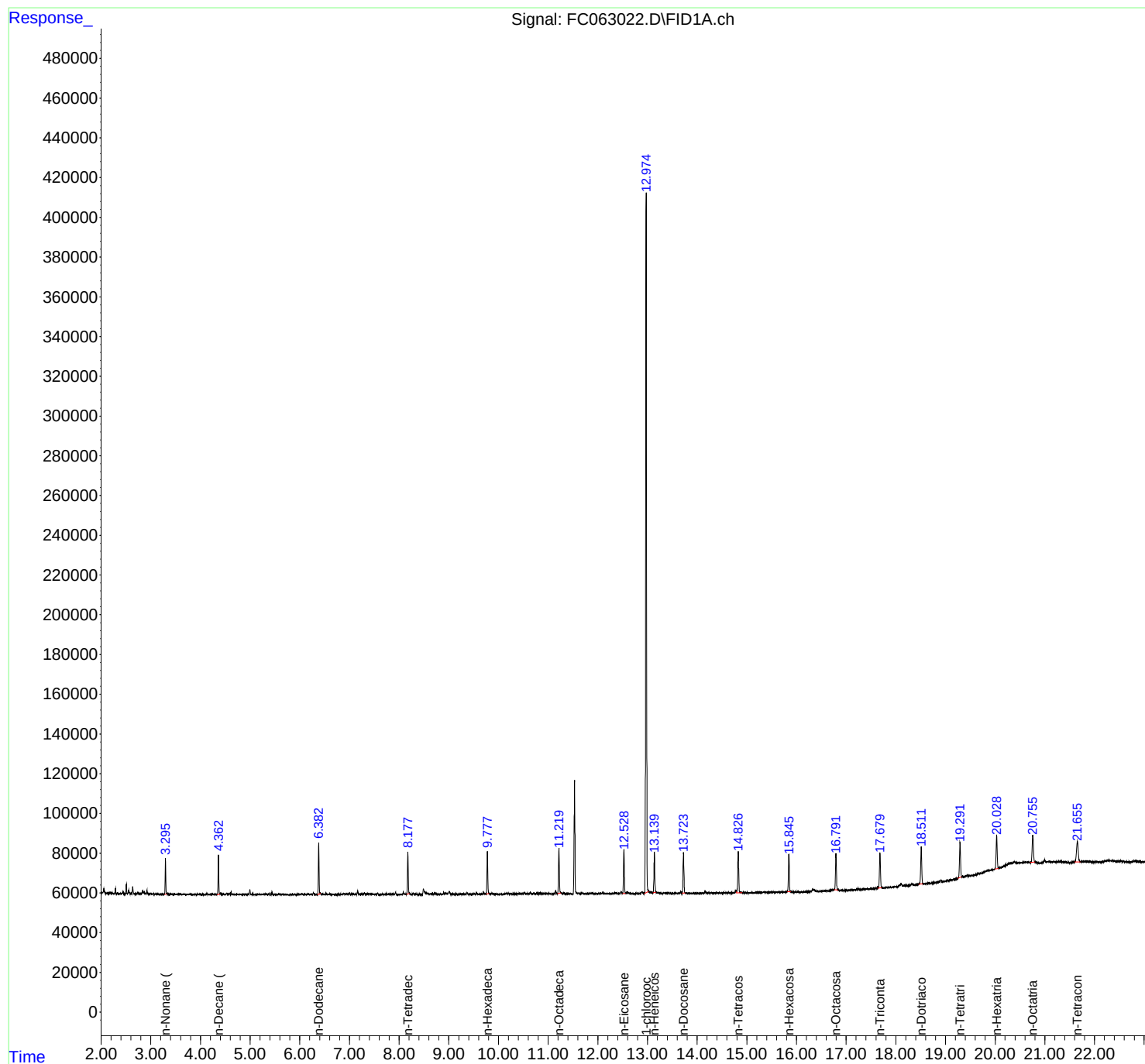
Instrument :
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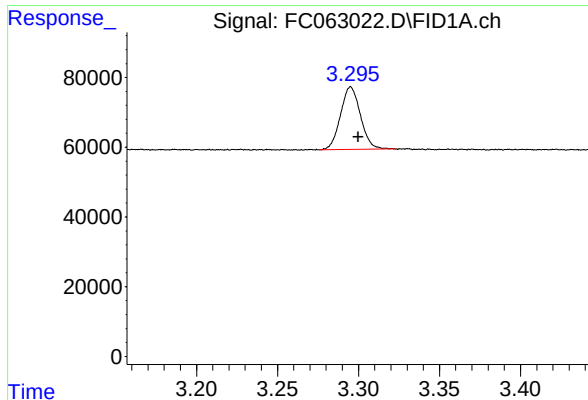
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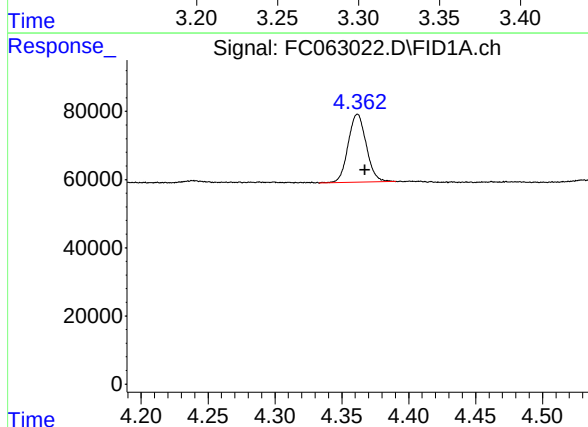
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 153733
Conc: 1.30 ug/ml

Instrument :
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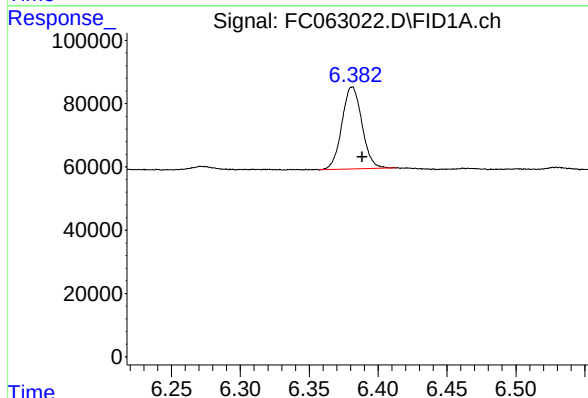
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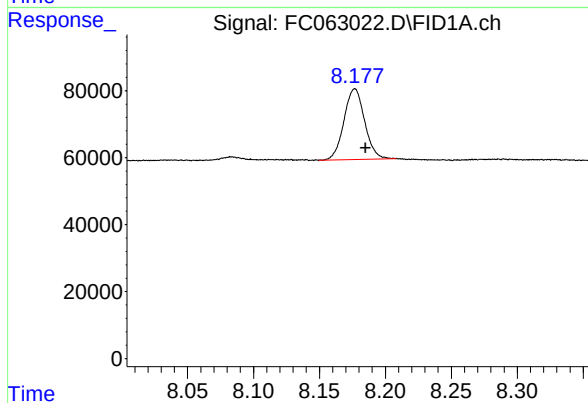
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 187810
Conc: 1.63 ug/ml



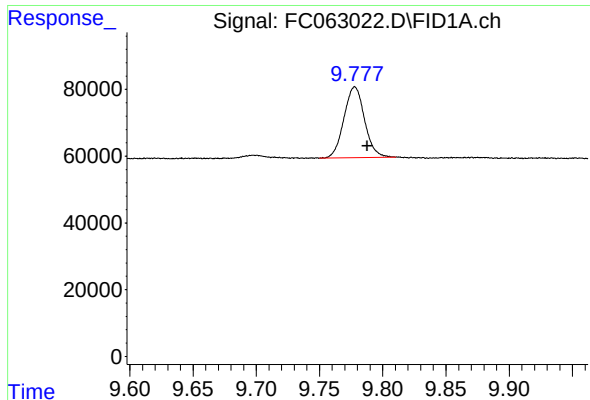
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 262944
Conc: 2.28 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 230542
Conc: 2.04 ug/ml



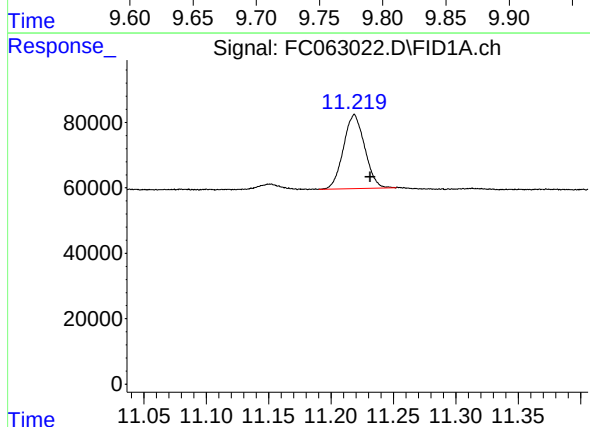
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.010 min
Response: 240880
Conc: 2.09 ug/ml

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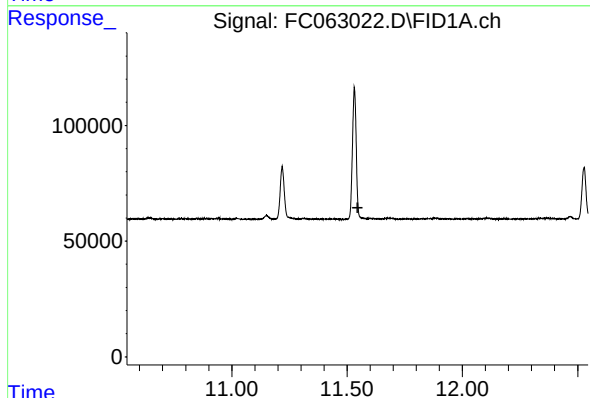
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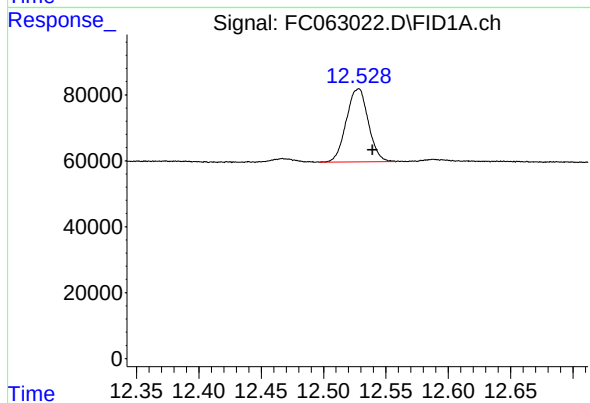
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.013 min
Response: 268099
Conc: 2.30 ug/ml



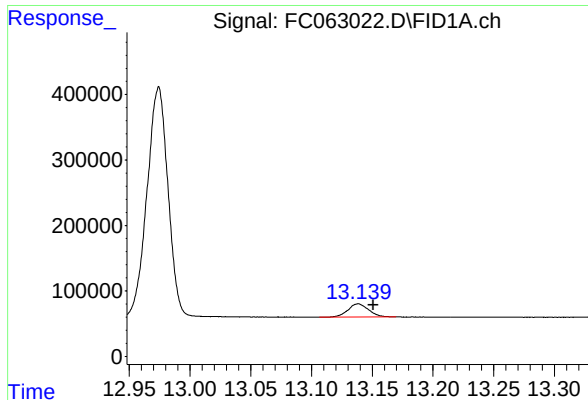
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.011 min
Response: 271609
Conc: 2.38 ug/ml



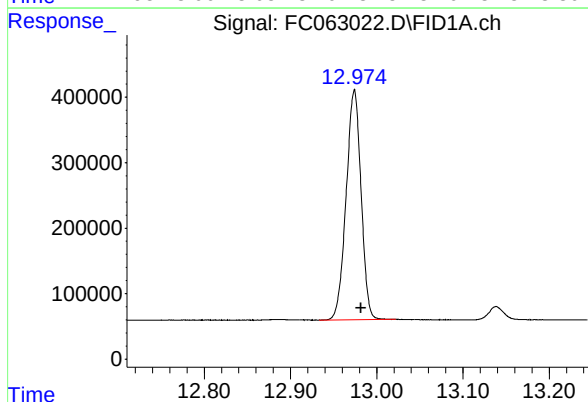
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.013 min
Response: 239504
Conc: 2.10 ug/ml

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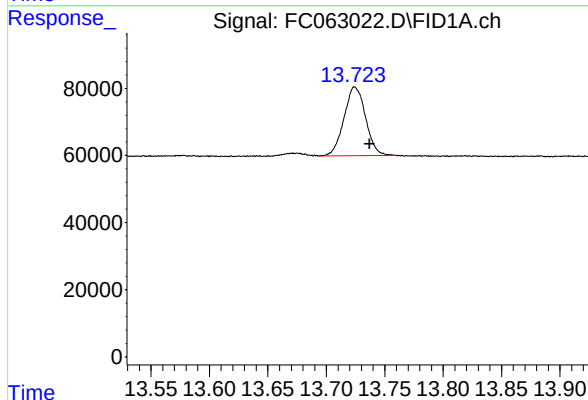
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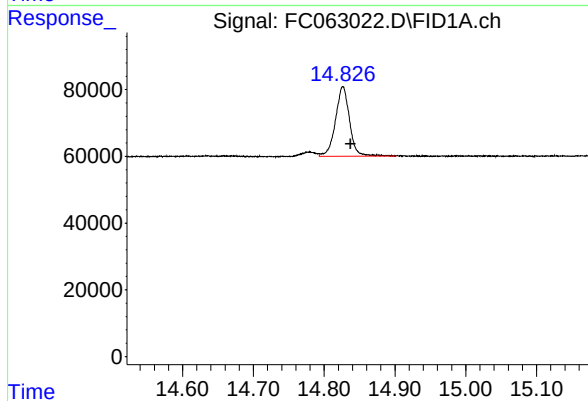
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 4225143
Conc: 43.31 ug/ml



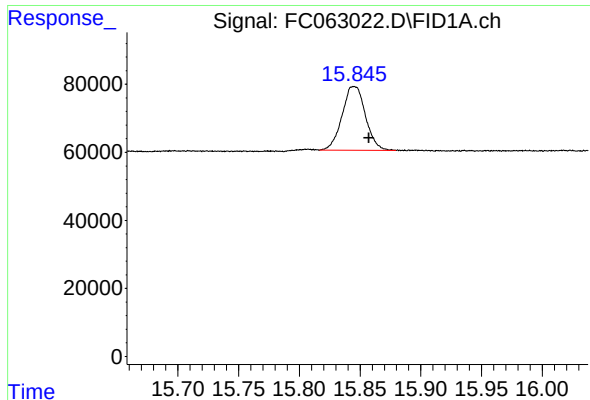
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.013 min
Response: 263204
Conc: 2.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 288325
Conc: 2.57 ug/ml m



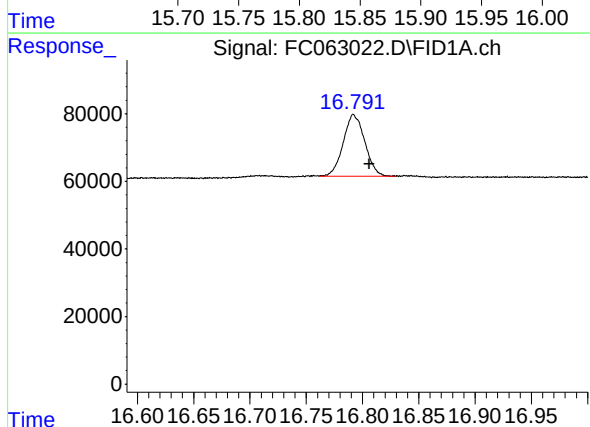
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.012 min
Response: 251064
Conc: 2.27 ug/ml

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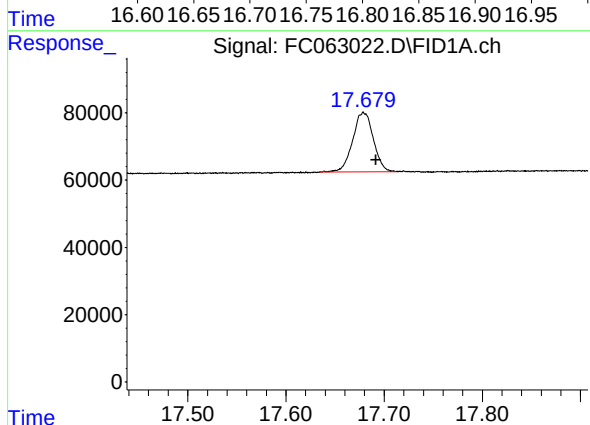
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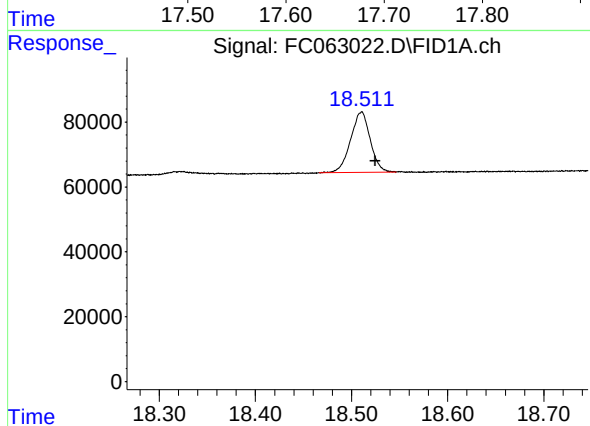
#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: -0.014 min
Response: 242204
Conc: 2.20 ug/ml



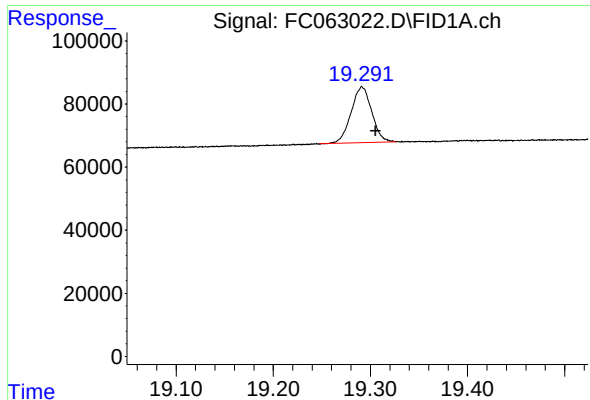
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: -0.013 min
Response: 256500
Conc: 2.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.014 min
Response: 265039
Conc: 2.37 ug/ml



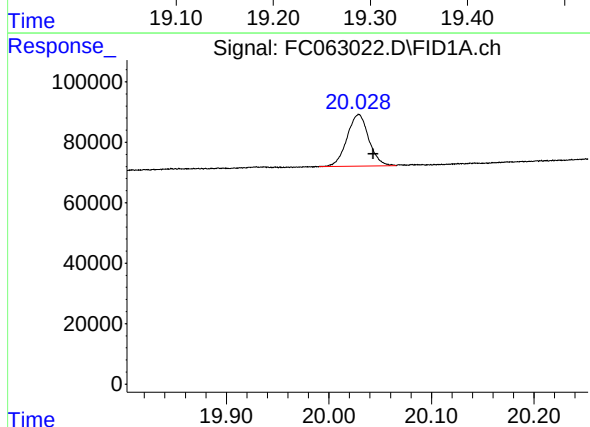
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.014 min
Response: 259685
Conc: 2.32 ug/ml

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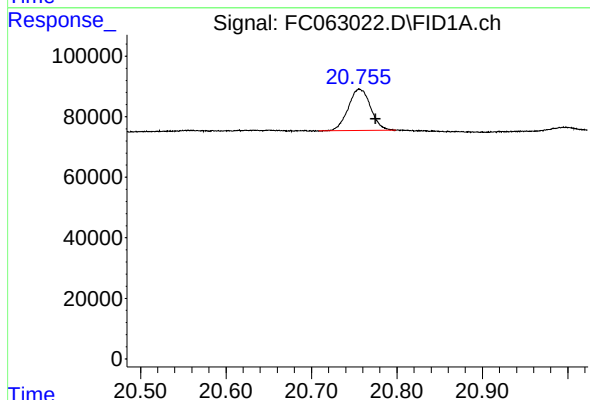
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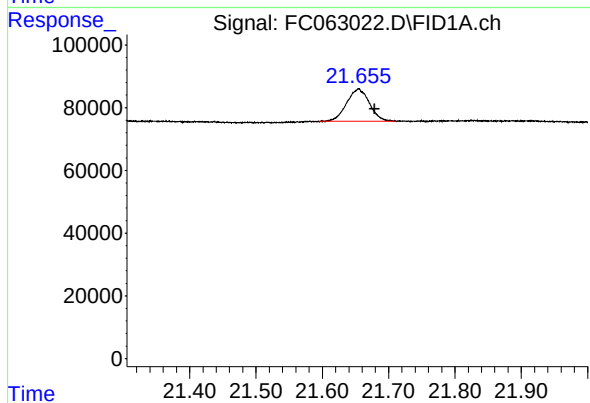
#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: -0.014 min
Response: 251910
Conc: 2.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.019 min
Response: 249199
Conc: 2.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: -0.024 min
Response: 247527
Conc: 2.28 ug/ml m