

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090122AL\
 Data File : FC061407.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2022 14:33
 Operator : YP/AJ
 Sample : N3980-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:25:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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...	13.020	3491684	24.932 ug/ml
Spiked Amount 50.000		Recovery =	49.86%
Target Compounds			
1) T n-Nonane (C9)	3.334	215594	1.426 ug/ml
2) T n-Decane (C10)	4.402	280200	1.847 ug/ml
4) T n-Dodecane (C12)	6.420	354673	2.290 ug/ml
6) T n-Tetradecane (C14)	8.218	319858	2.045 ug/ml
7) T n-Hexadecane (C16)	9.820	309666	1.977 ug/ml
8) T n-Octadecane (C18)	11.263	319975	2.028 ug/ml
10) T n-Eicosane (C20)	12.573	320164	2.059 ug/ml
11) T n-Heneicosane (C21)	13.185	319760	2.044 ug/ml
13) T n-Docosane (C22)	13.771	313853	2.023 ug/ml
14) T n-Tetracosane (C24)	14.874	322994	2.088 ug/ml
15) T n-Hexacosane (C26)	15.895	304231	2.021 ug/ml
16) T n-Octacosane (C28)	16.845	312275	2.114 ug/ml
17) T n-Tricontane (C30)	17.732	344554	2.495 ug/ml
18) T n-Dotriacontane (C32)	18.562	354178	3.227 ug/mlm
19) T n-Tetratriacontane (C34)	19.347	333208	4.317 ug/mlm
20) T n-Hexatriacontane (C36)	20.087	311438	5.516 ug/mlm
21) T n-Octatriacontane (C38)	20.823	239095	5.154 ug/mlm
22) T n-Tetracontane (C40)	21.741	248351	5.921 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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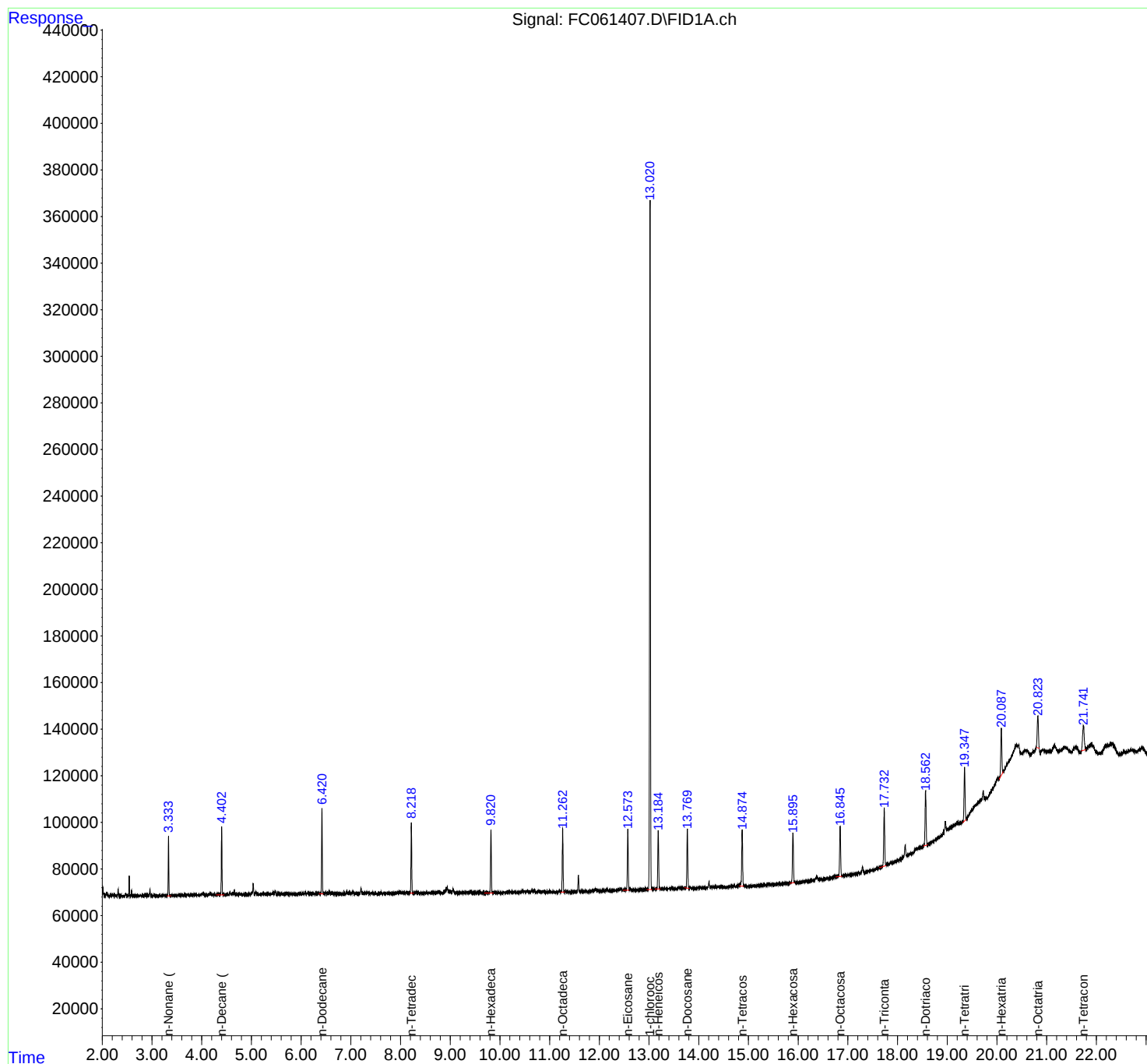
Instrument :
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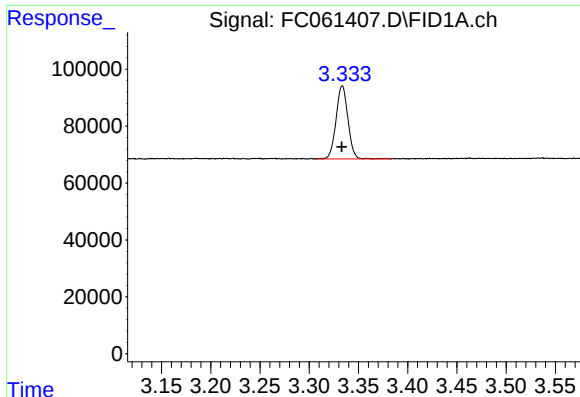
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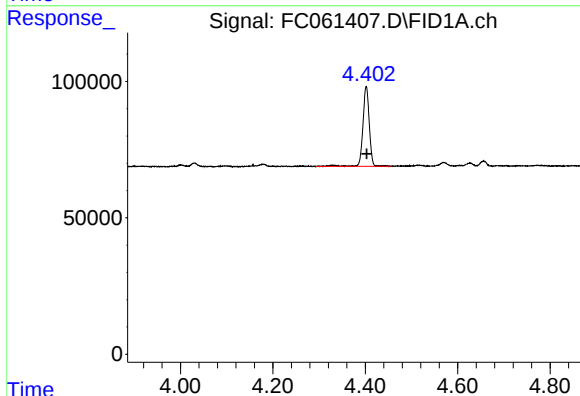
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 215594
Conc: 1.43 ug/ml

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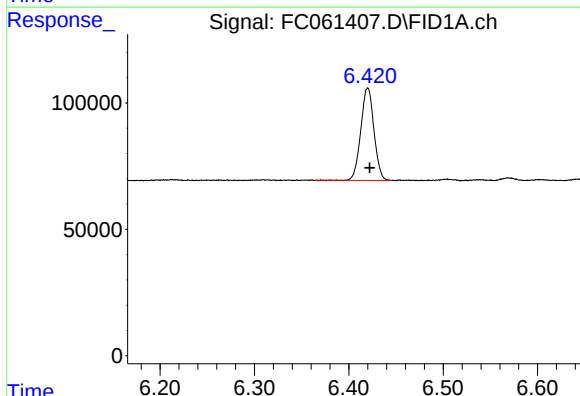
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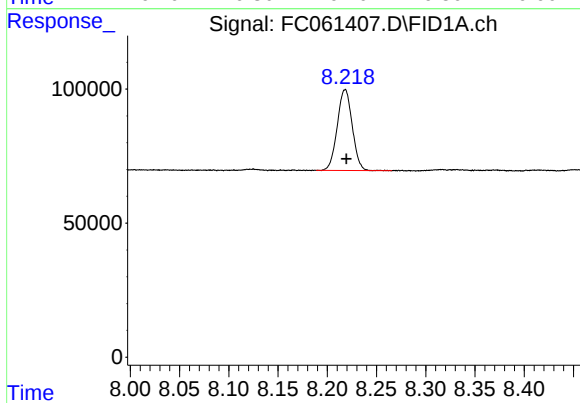
#2 n-Decane (C10)

R.T.: 4.402 min
Delta R.T.: 0.000 min
Response: 280200
Conc: 1.85 ug/ml



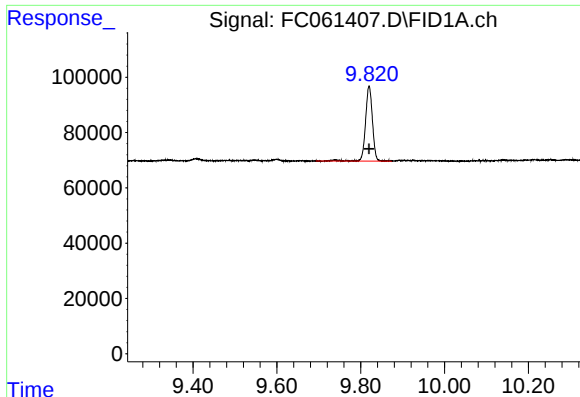
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 354673
Conc: 2.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 319858
Conc: 2.04 ug/ml



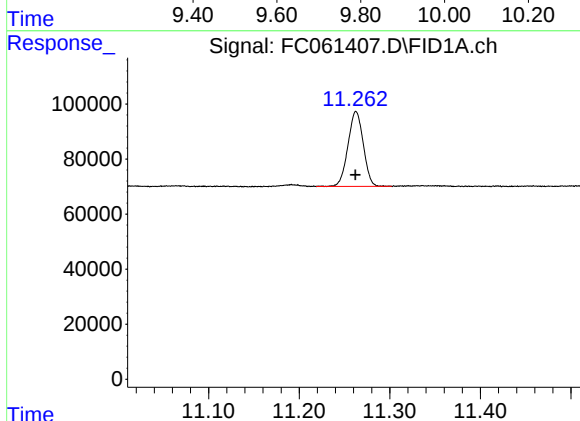
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 309666
Conc: 1.98 ug/ml

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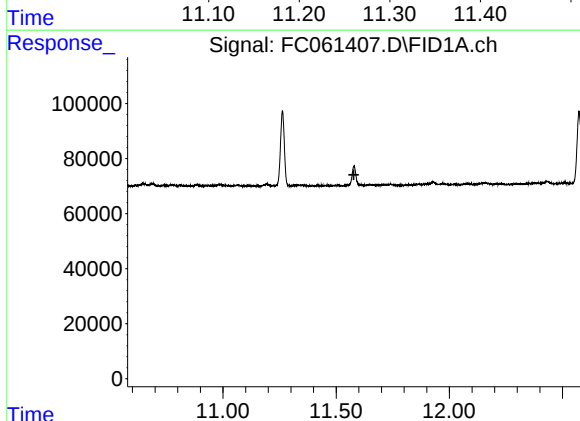
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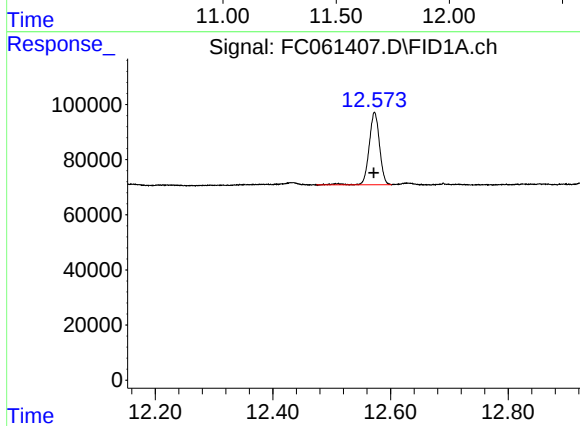
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 319975
Conc: 2.03 ug/ml



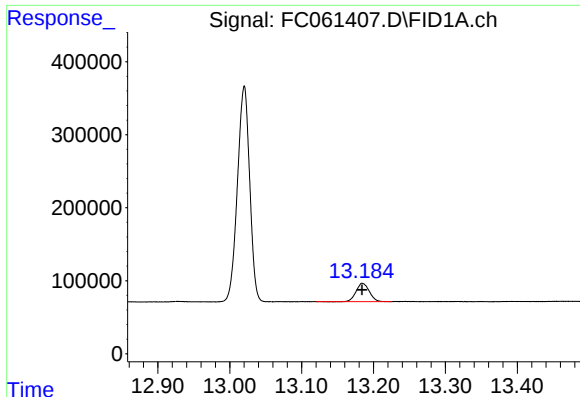
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.578 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 320164
Conc: 2.06 ug/ml



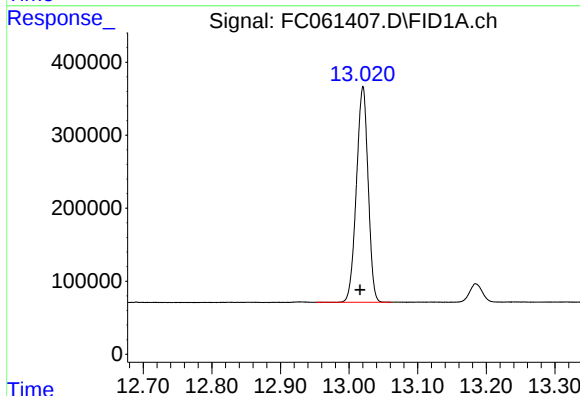
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.000 min
Response: 319760
Conc: 2.04 ug/ml

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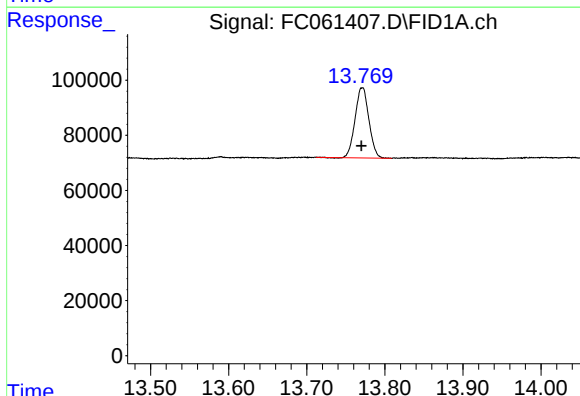
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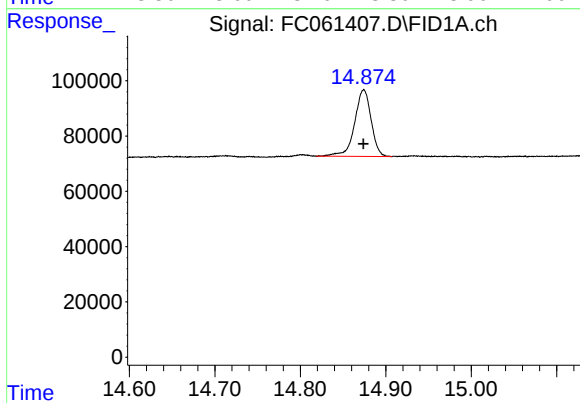
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: 0.004 min
Response: 3491684
Conc: 24.93 ug/ml



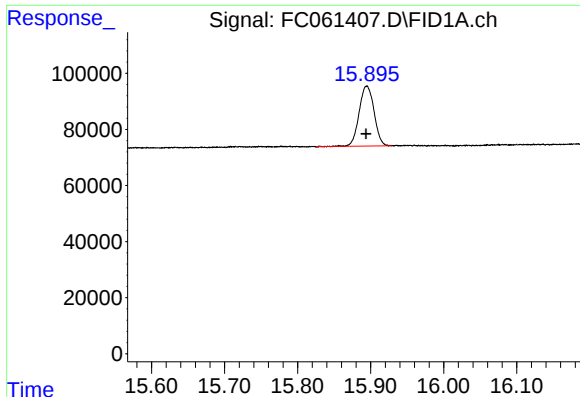
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.001 min
Response: 313853
Conc: 2.02 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 322994
Conc: 2.09 ug/ml



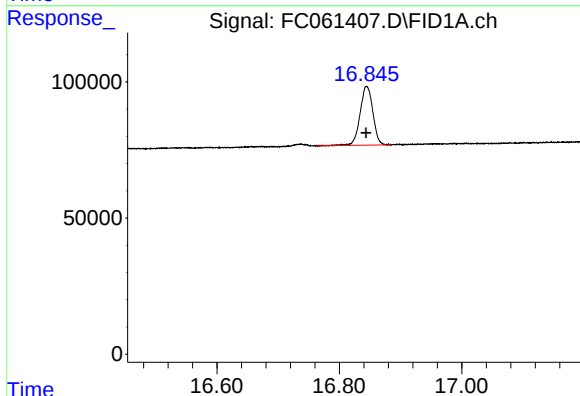
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.000 min
Response: 304231
Conc: 2.02 ug/ml

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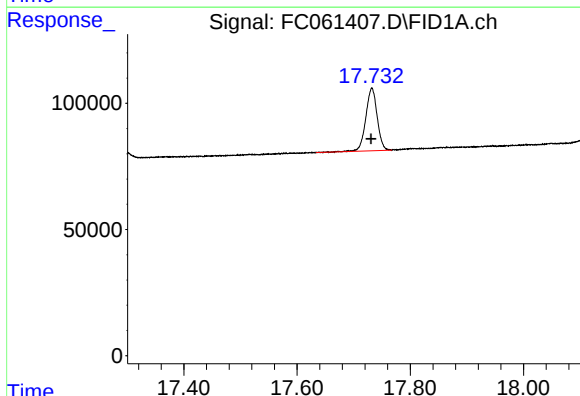
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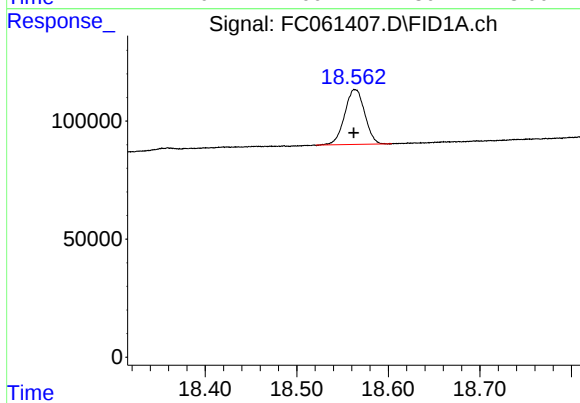
#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.001 min
Response: 312275
Conc: 2.11 ug/ml



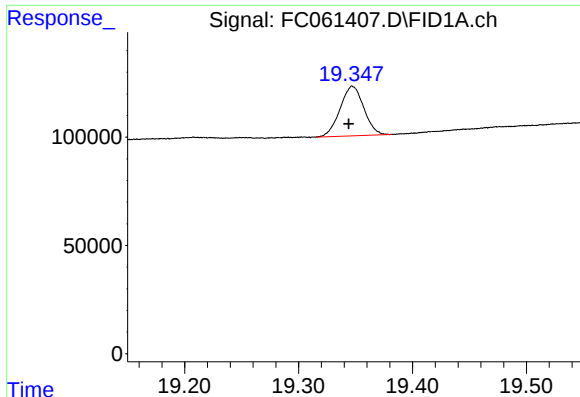
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.002 min
Response: 344554
Conc: 2.49 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.000 min
Response: 354178
Conc: 3.23 ug/ml m



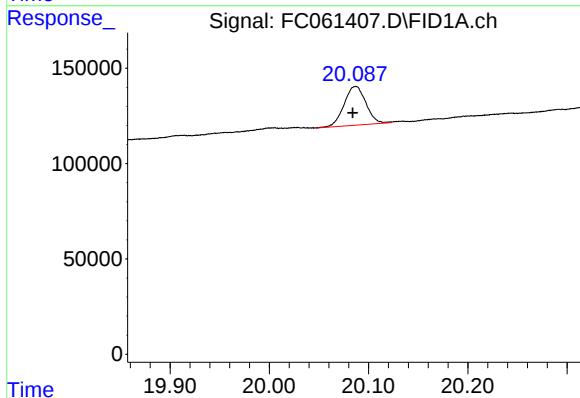
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.002 min
Response: 333208
Conc: 4.32 ug/ml

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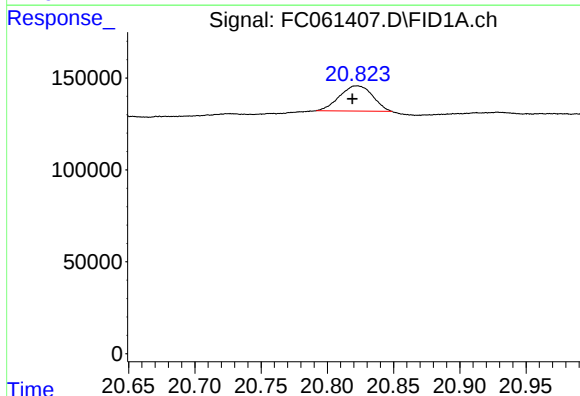
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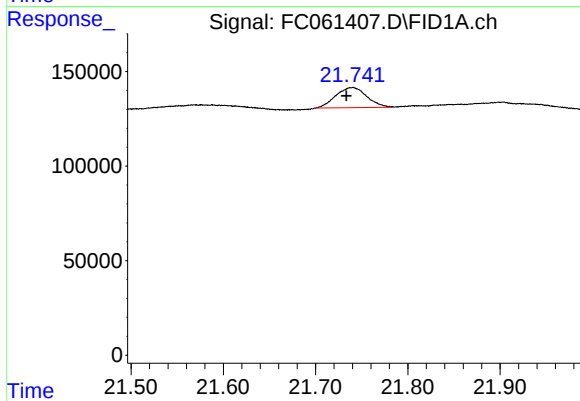
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: 0.003 min
Response: 311438
Conc: 5.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: 0.004 min
Response: 239095
Conc: 5.15 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: 0.007 min
Response: 248351
Conc: 5.92 ug/ml m