

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090922AL\
 Data File : FC061466.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 14:28
 Operator : YP/AJ
 Sample : N3980-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 03:03:05 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...	13.012	4062860	29.010 ug/ml
Spiked Amount 50.000		Recovery =	58.02%
Target Compounds			
1) T n-Nonane (C9)	3.329	390449	2.583 ug/ml
2) T n-Decane (C10)	4.398	477562	3.147 ug/ml
4) T n-Dodecane (C12)	6.416	584103	3.772 ug/ml
6) T n-Tetradecane (C14)	8.212	563619	3.603 ug/ml
7) T n-Hexadecane (C16)	9.814	564981	3.607 ug/ml
8) T n-Octadecane (C18)	11.256	590599	3.743 ug/ml
10) T n-Eicosane (C20)	12.565	587463	3.779 ug/ml
11) T n-Heneicosane (C21)	13.177	582803	3.726 ug/ml
13) T n-Docosane (C22)	13.763	580451	3.740 ug/ml
14) T n-Tetracosane (C24)	14.867	575820	3.722 ug/mlm
15) T n-Hexacosane (C26)	15.886	557976	3.707 ug/ml
16) T n-Octacosane (C28)	16.835	559750	3.790 ug/ml
17) T n-Tricontane (C30)	17.722	593904	4.300 ug/ml
18) T n-Dotriacontane (C32)	18.554	605981	5.521 ug/ml
19) T n-Tetratriacontane (C34)	19.337	578828	7.499 ug/ml
20) T n-Hexatriacontane (C36)	20.075	552225	9.781 ug/mlm
21) T n-Octatriacontane (C38)	20.809	524639	11.309 ug/ml
22) T n-Tetracontane (C40)	21.720	513409	12.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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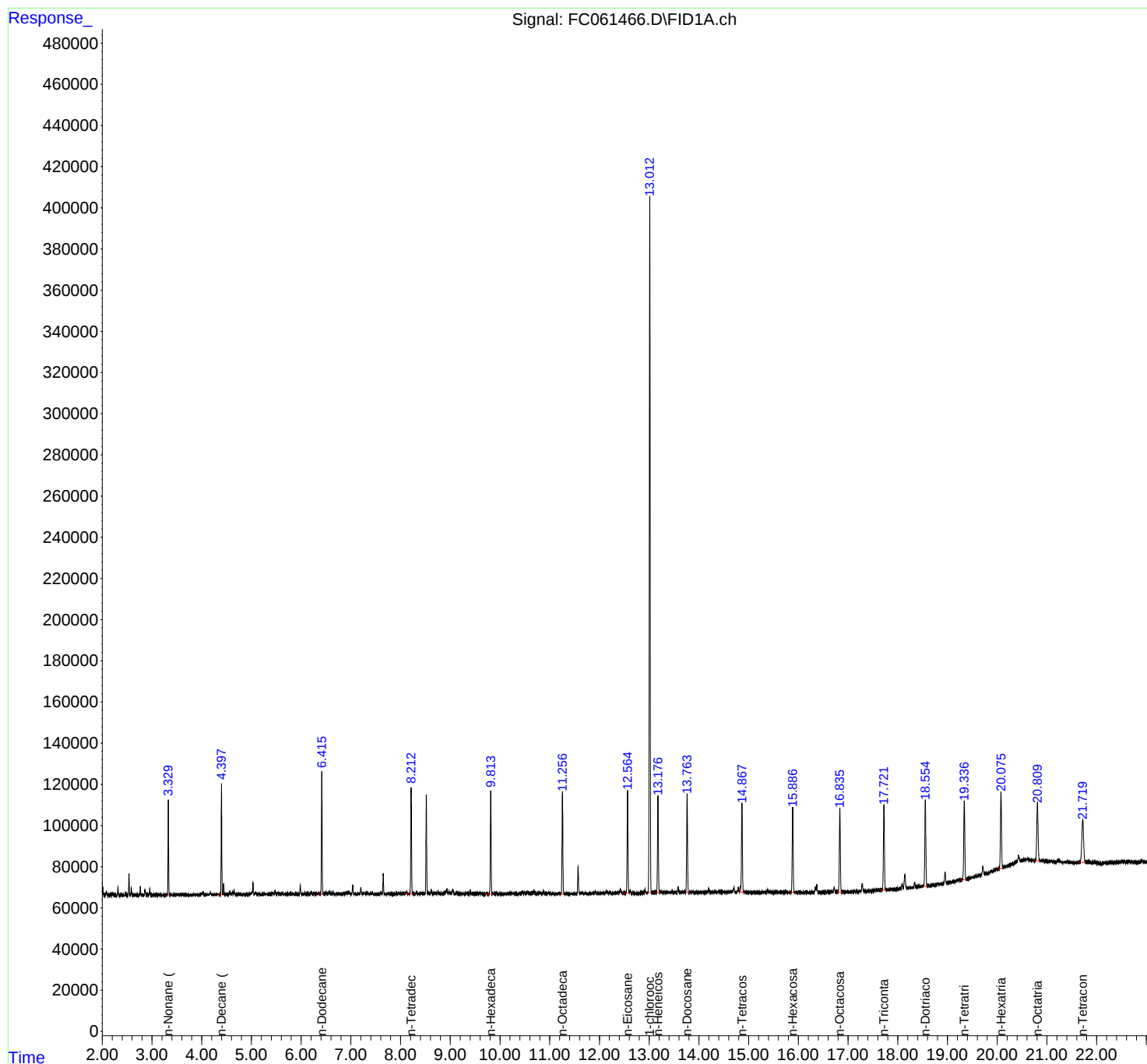
Instrument :
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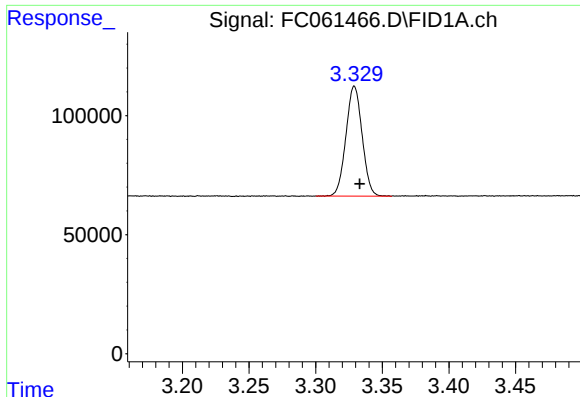
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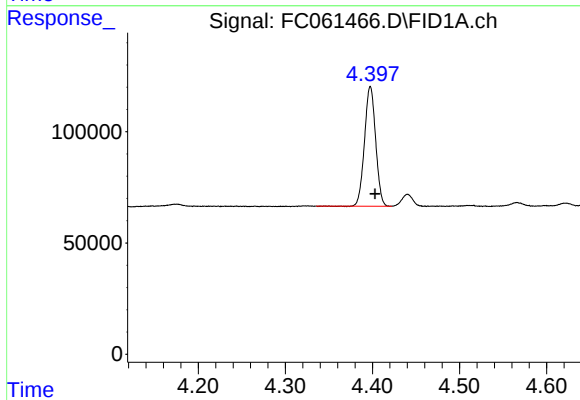
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 390449
Conc: 2.58 ug/ml

Instrument :
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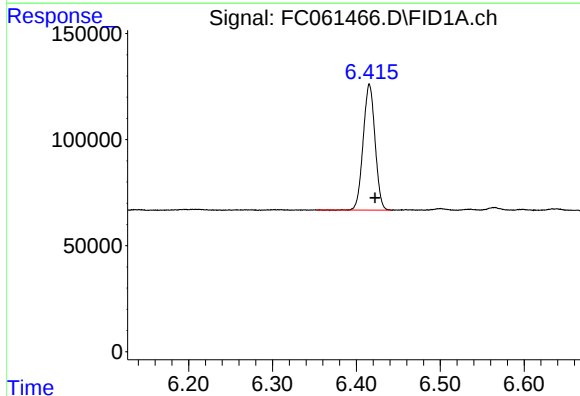
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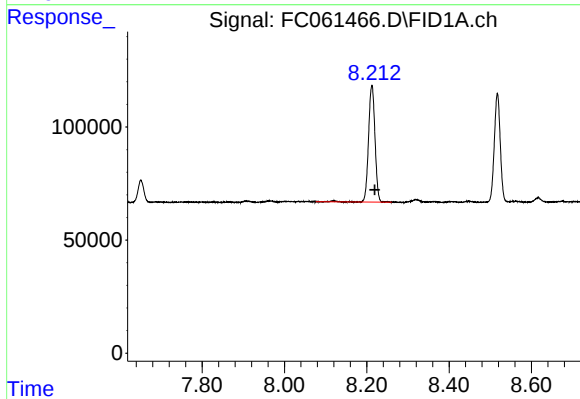
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 477562
Conc: 3.15 ug/ml



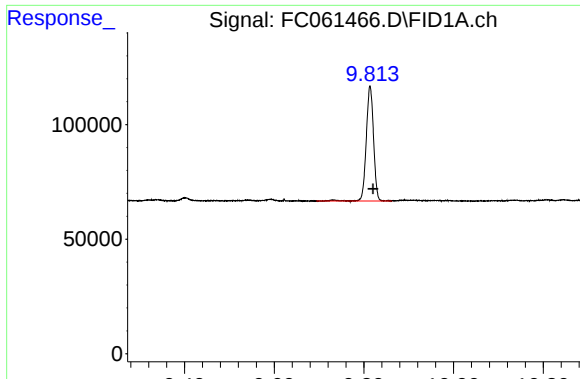
#4 n-Dodecane (C12)

R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 584103
Conc: 3.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.007 min
Response: 563619
Conc: 3.60 ug/ml



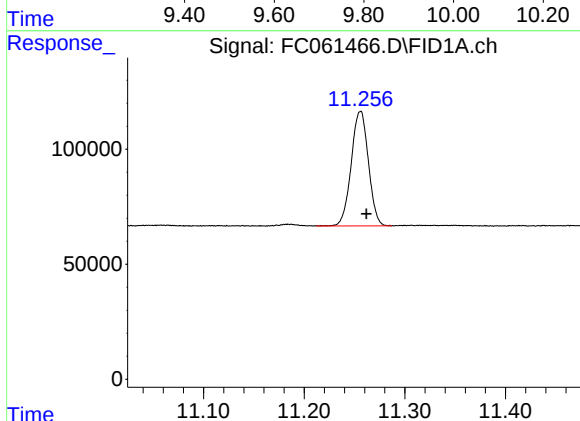
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.006 min
Response: 564981
Conc: 3.61 ug/ml

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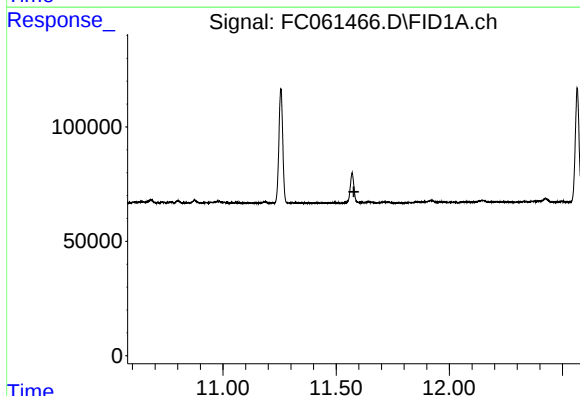
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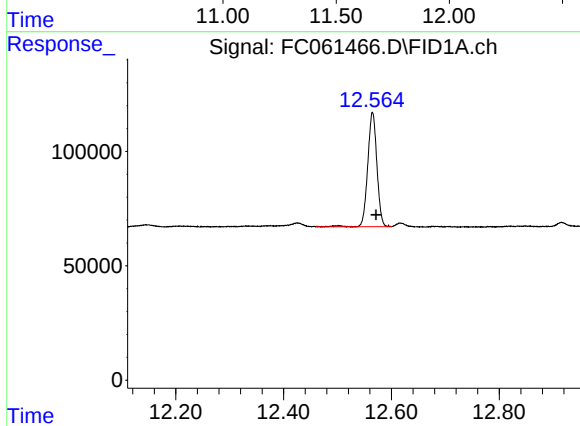
#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: -0.006 min
Response: 590599
Conc: 3.74 ug/ml



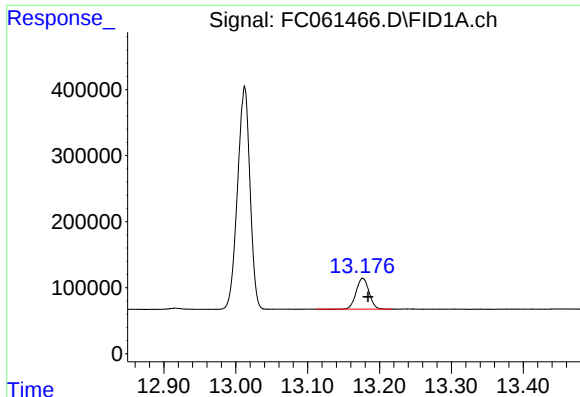
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: -0.006 min
Response: 587463
Conc: 3.78 ug/ml



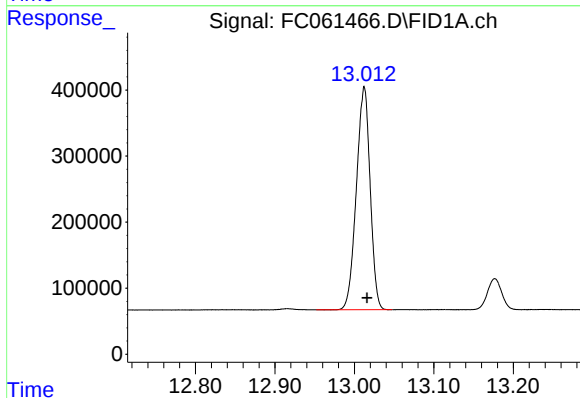
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.007 min
Response: 582803
Conc: 3.73 ug/ml

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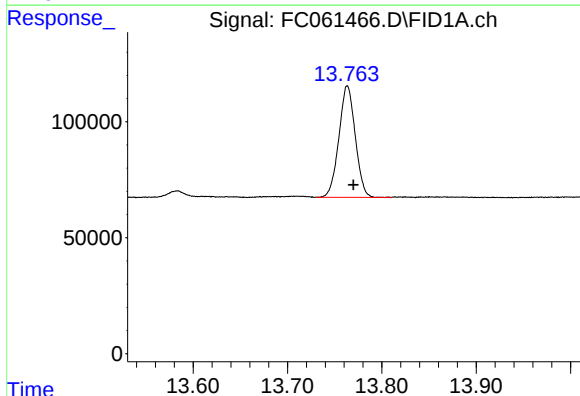
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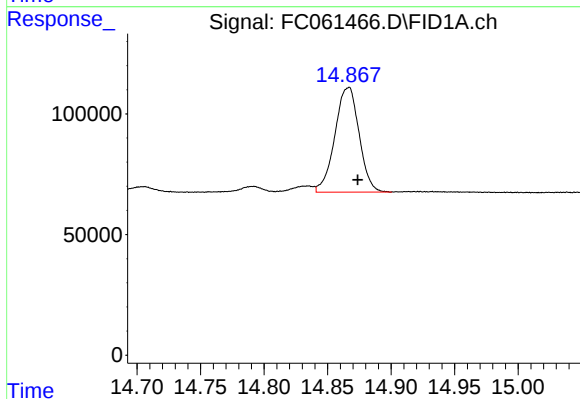
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.004 min
Response: 4062860
Conc: 29.01 ug/ml



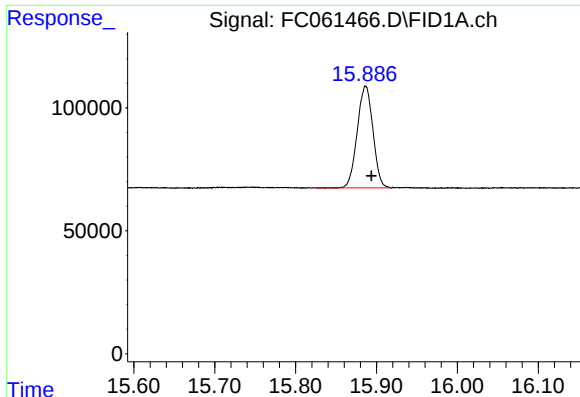
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: -0.006 min
Response: 580451
Conc: 3.74 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.007 min
Response: 575820
Conc: 3.72 ug/ml m



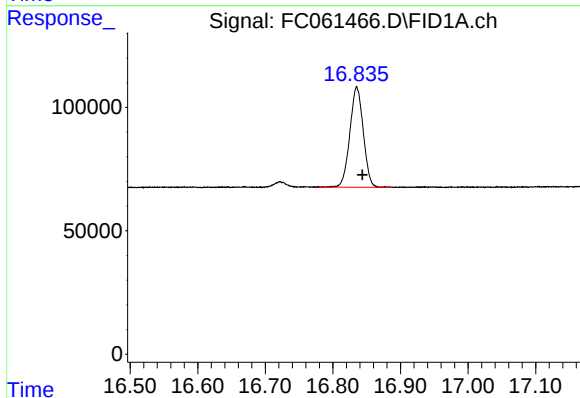
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.007 min
Response: 557976
Conc: 3.71 ug/ml

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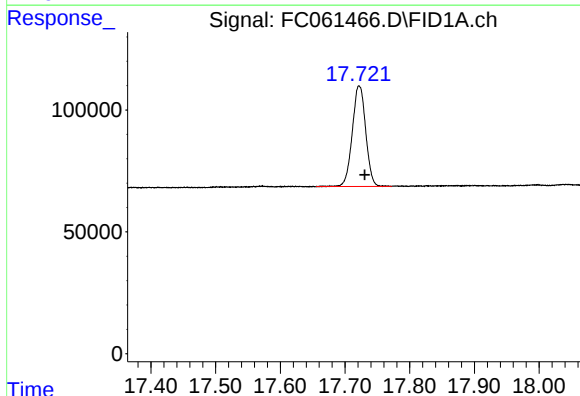
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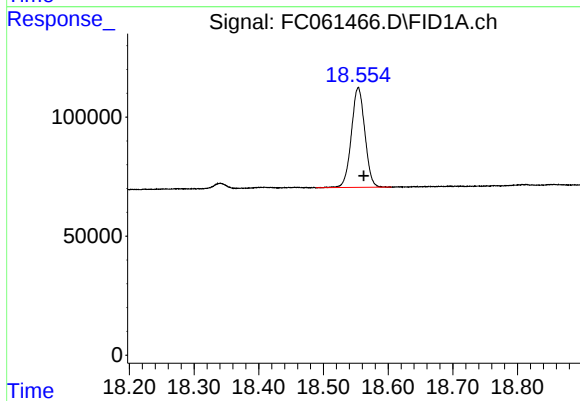
#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: -0.008 min
Response: 559750
Conc: 3.79 ug/ml



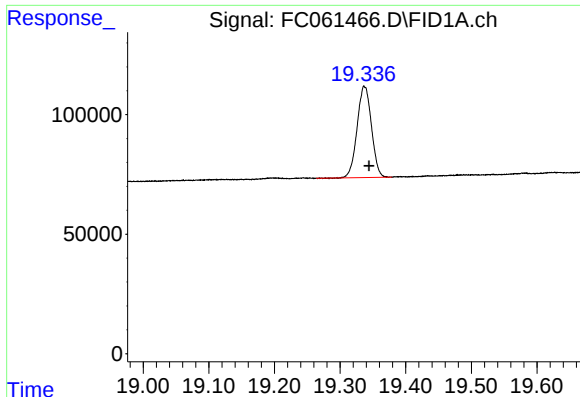
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: -0.009 min
Response: 593904
Conc: 4.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.008 min
Response: 605981
Conc: 5.52 ug/ml



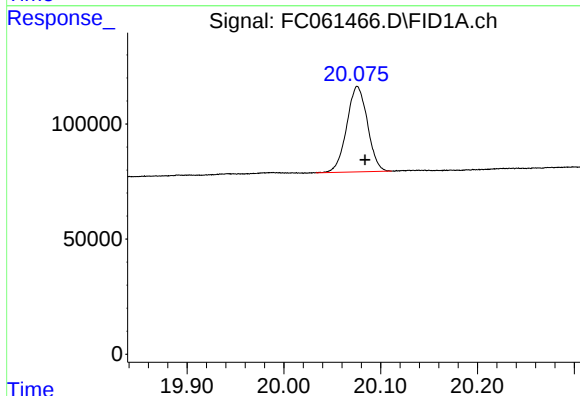
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.007 min
Response: 578828
Conc: 7.50 ug/ml

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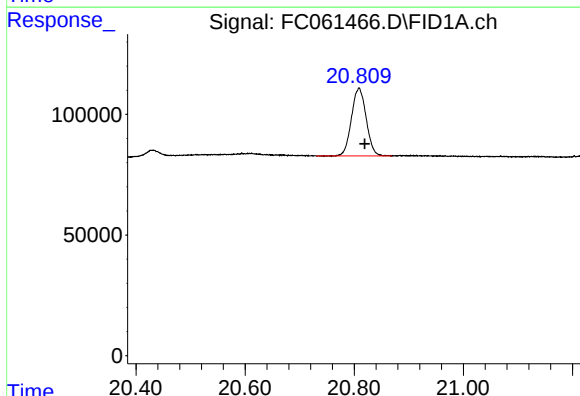
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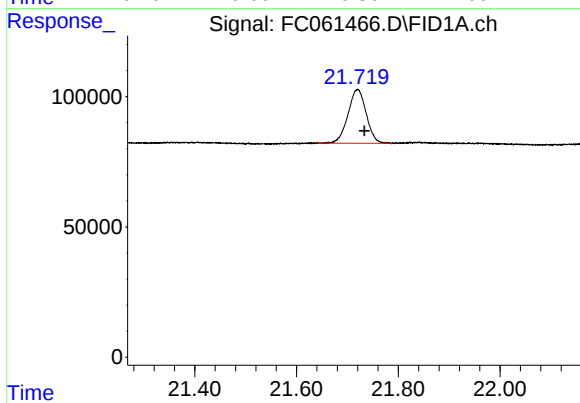
#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.009 min
Response: 552225
Conc: 9.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.010 min
Response: 524639
Conc: 11.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.014 min
Response: 513409
Conc: 12.24 ug/ml