

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090922AL\
 Data File : FC061467.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2022 15:17
 Operator : YP/AJ
 Sample : N3980-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-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 03:03:19 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	3728128	26.620 ug/ml
Spiked Amount 50.000		Recovery =	53.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	359217	2.376 ug/ml
2) T n-Decane (C10)	4.397	441865	2.912 ug/ml
4) T n-Dodecane (C12)	6.415	537896	3.473 ug/ml
6) T n-Tetradecane (C14)	8.212	517875	3.311 ug/ml
7) T n-Hexadecane (C16)	9.814	515211	3.289 ug/ml
8) T n-Octadecane (C18)	11.256	538911	3.416 ug/ml
10) T n-Eicosane (C20)	12.566	541680	3.484 ug/ml
11) T n-Heneicosane (C21)	13.178	533599	3.411 ug/ml
13) T n-Docosane (C22)	13.763	526685	3.394 ug/ml
14) T n-Tetracosane (C24)	14.866	520134	3.362 ug/mlm
15) T n-Hexacosane (C26)	15.885	505306	3.357 ug/ml
16) T n-Octacosane (C28)	16.835	506476	3.429 ug/ml
17) T n-Tricontane (C30)	17.722	539642	3.907 ug/ml
18) T n-Dotriacontane (C32)	18.553	557855	5.082 ug/ml
19) T n-Tetratriacontane (C34)	19.338	535429	6.937 ug/ml
20) T n-Hexatriacontane (C36)	20.074	509142	9.018 ug/mlm
21) T n-Octatriacontane (C38)	20.809	486892	10.495 ug/ml
22) T n-Tetracontane (C40)	21.720	463785	11.057 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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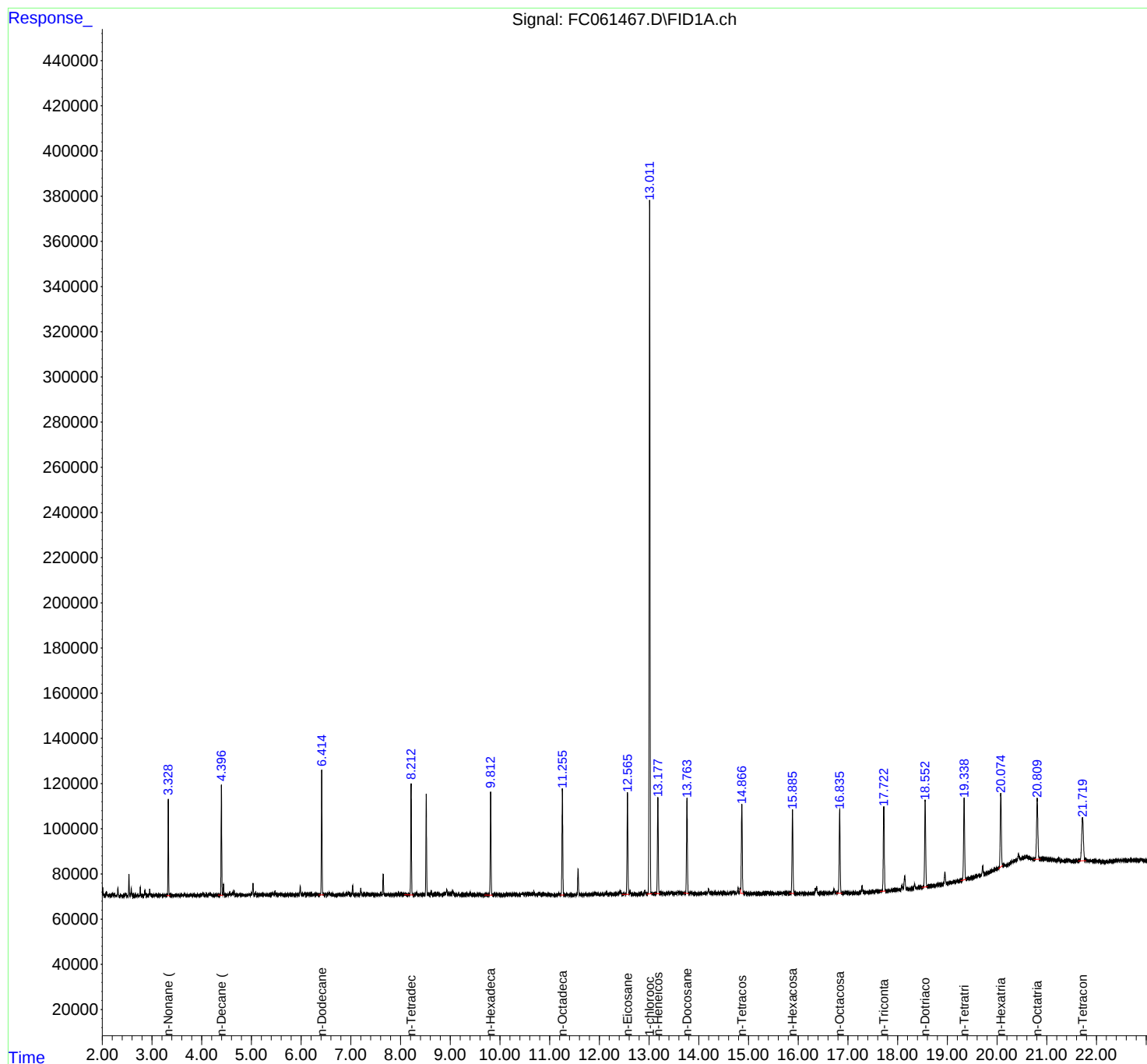
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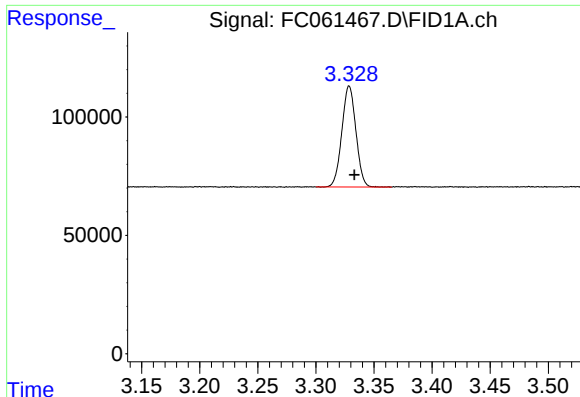
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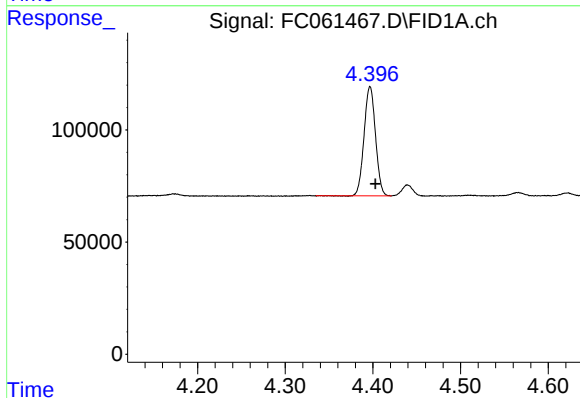
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 359217
Conc: 2.38 ug/ml

Instrument :
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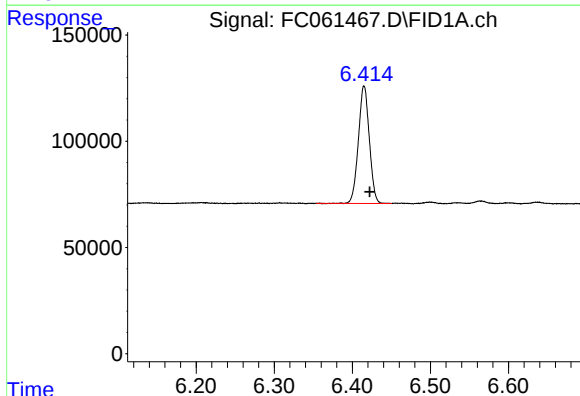
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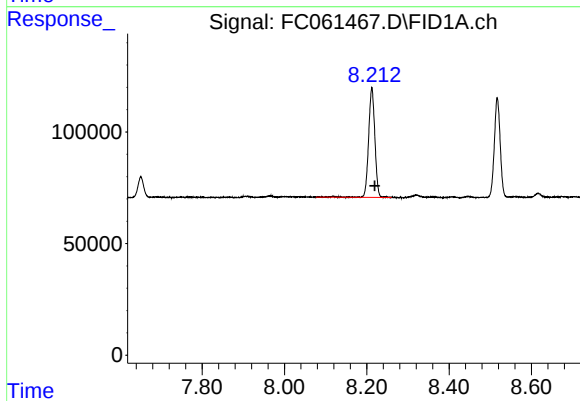
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.006 min
Response: 441865
Conc: 2.91 ug/ml



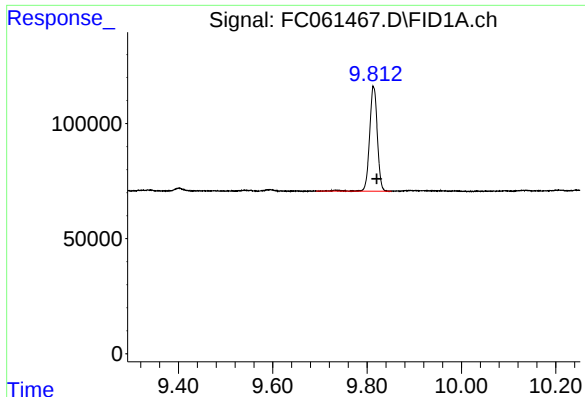
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 537896
Conc: 3.47 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.007 min
Response: 517875
Conc: 3.31 ug/ml



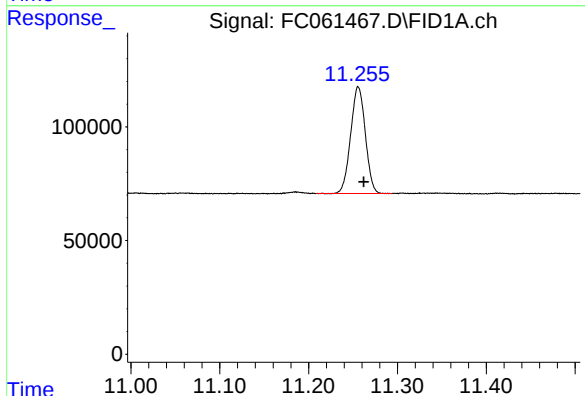
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.006 min
Response: 515211
Conc: 3.29 ug/ml

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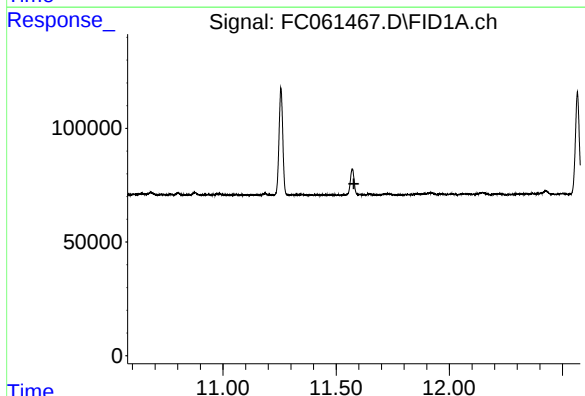
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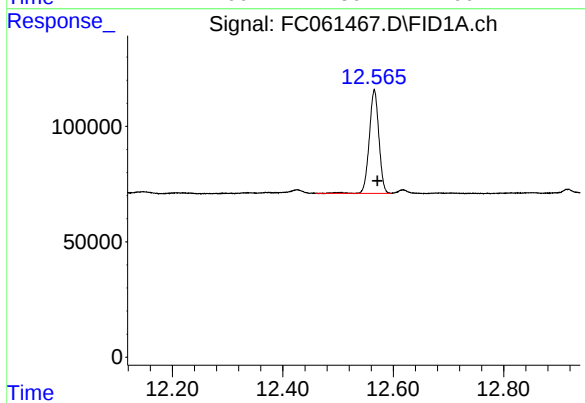
#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: -0.006 min
Response: 538911
Conc: 3.42 ug/ml



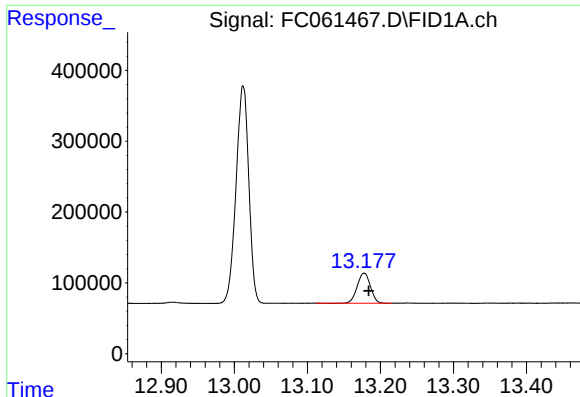
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.006 min
Response: 541680
Conc: 3.48 ug/ml



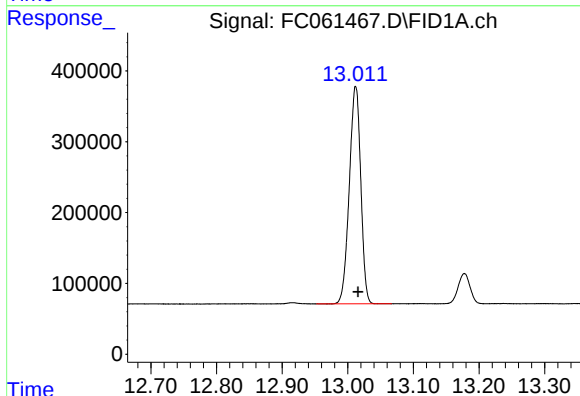
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.006 min
Response: 533599
Conc: 3.41 ug/ml

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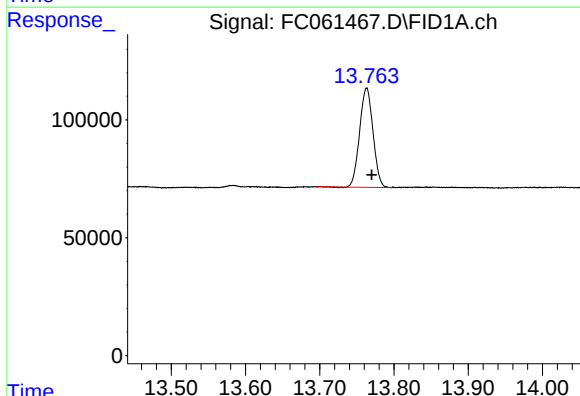
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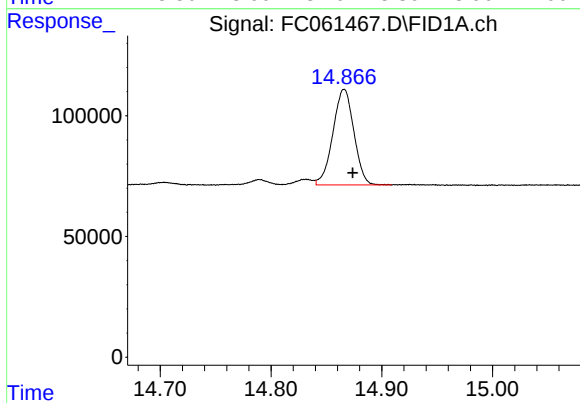
#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.004 min
Response: 3728128
Conc: 26.62 ug/ml



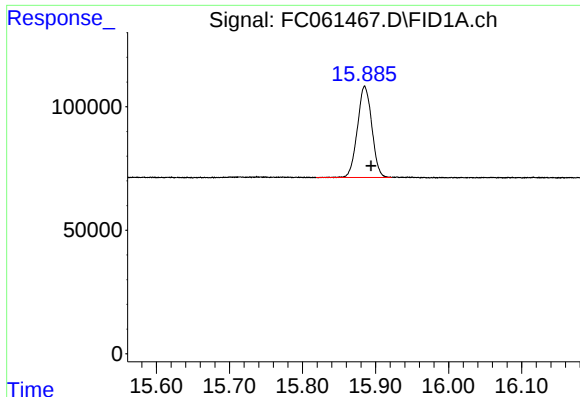
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: -0.007 min
Response: 526685
Conc: 3.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.008 min
Response: 520134
Conc: 3.36 ug/ml m



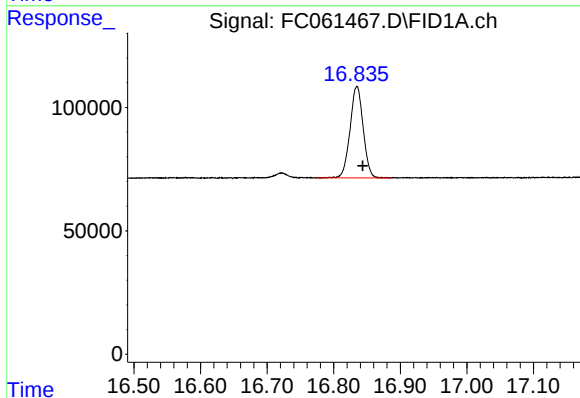
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.008 min
Response: 505306
Conc: 3.36 ug/ml

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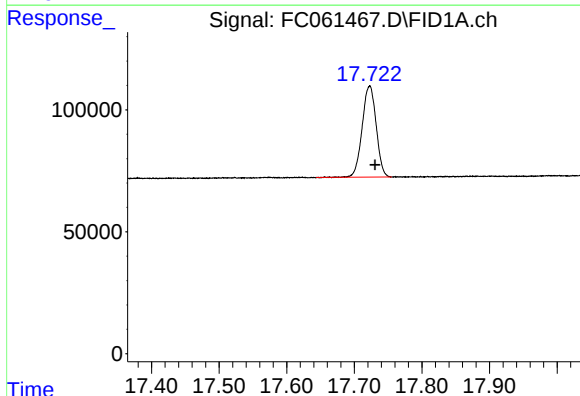
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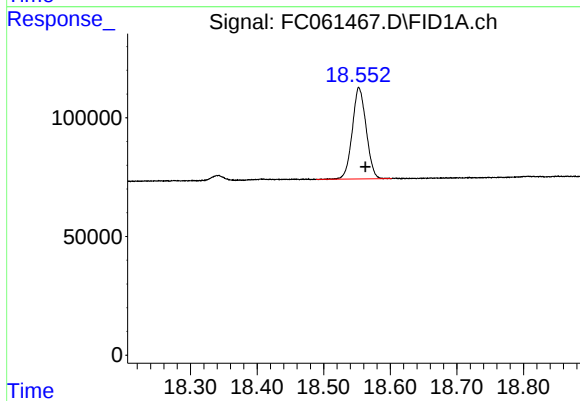
#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: -0.009 min
Response: 506476
Conc: 3.43 ug/ml



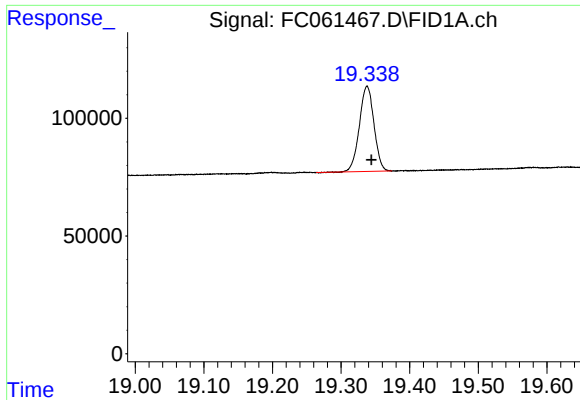
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: -0.008 min
Response: 539642
Conc: 3.91 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: -0.009 min
Response: 557855
Conc: 5.08 ug/ml



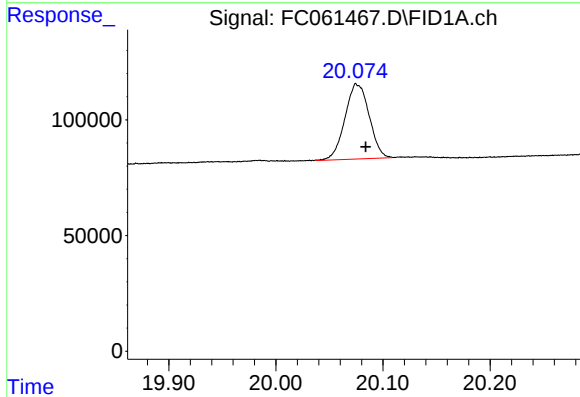
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.006 min
Response: 535429
Conc: 6.94 ug/ml

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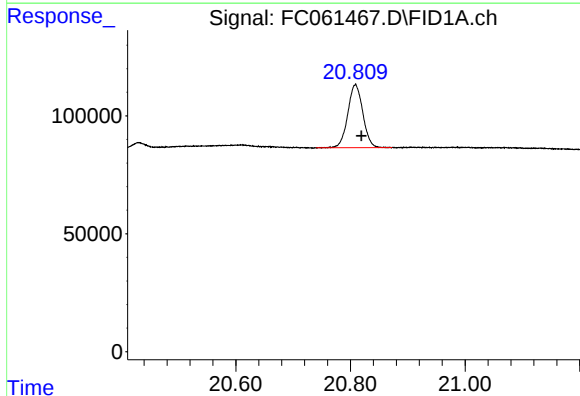
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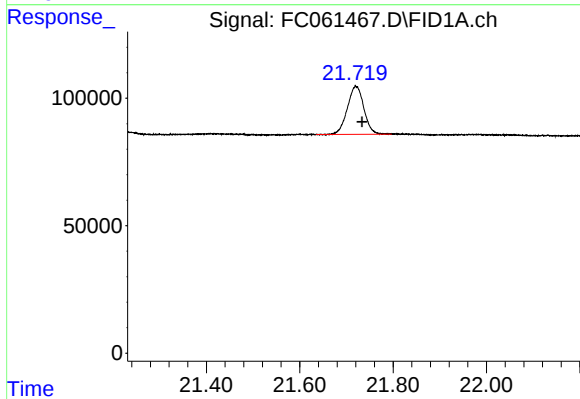
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: -0.010 min
Response: 509142
Conc: 9.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.010 min
Response: 486892
Conc: 10.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.013 min
Response: 463785
Conc: 11.06 ug/ml