

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090722AL\
 Data File : FC061454.D
 Signal(s) : FID1A.ch
 Acq On : 07 Sep 2022 23:37
 Operator : YP/AJ
 Sample : N4490-09MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-14-B-SP-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 04:49:43 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...	13.015	466486	3.331 ug/ml
Spiked Amount 50.000		Recovery =	6.66%
Target Compounds			
1) T n-Nonane (C9)	3.336	182150	1.205 ug/mlm
2) T n-Decane (C10)	4.403	225794	1.488 ug/mlm
4) T n-Dodecane (C12)	6.420	228239	1.474 ug/mlm
6) T n-Tetradecane (C14)	8.218	447152	2.859 ug/mlm
7) T n-Hexadecane (C16)	9.818	472213	3.015 ug/mlm
8) T n-Octadecane (C18)	11.260	456580	2.894 ug/mlm
10) T n-Eicosane (C20)	12.571	573359	3.688 ug/ml
11) T n-Heneicosane (C21)	13.183	405446	2.592 ug/ml
13) T n-Docosane (C22)	13.769	474162	3.056 ug/ml
14) T n-Tetracosane (C24)	14.872	433468	2.802 ug/ml
15) T n-Hexacosane (C26)	15.892	401940	2.671 ug/ml
16) T n-Octacosane (C28)	16.842	530849	3.594 ug/ml
17) T n-Tricontane (C30)	17.728	472789	3.423 ug/ml
18) T n-Dotriacontane (C32)	18.559	379340	3.456 ug/ml
19) T n-Tetratriacontane (C34)	19.341	464054	6.012 ug/mlm
20) T n-Hexatriacontane (C36)	20.082	321424	5.693 ug/mlm
21) T n-Octatriacontane (C38)	20.816	424142	9.143 ug/ml
22) T n-Tetracontane (C40)	21.729	309899	7.388 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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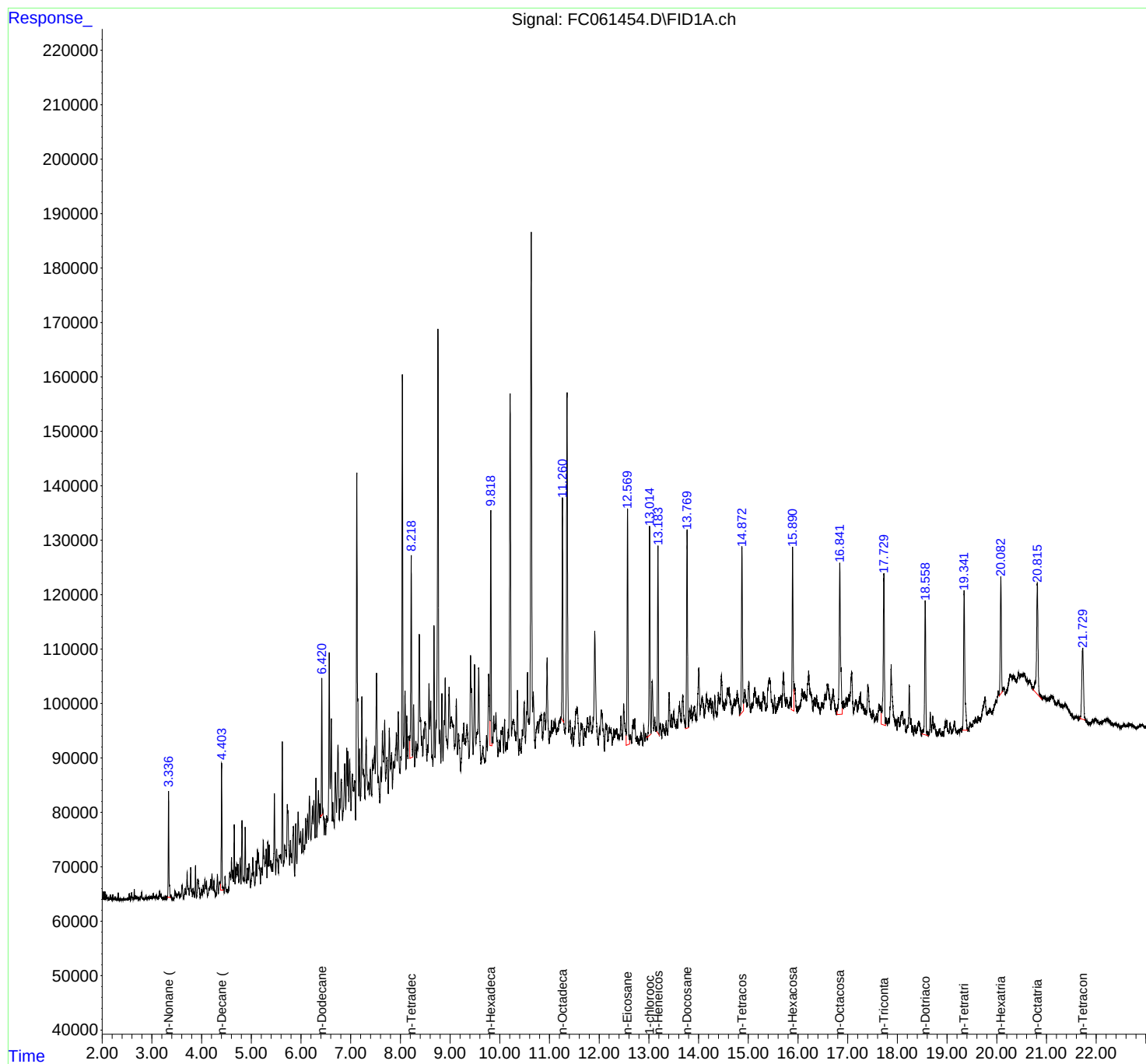
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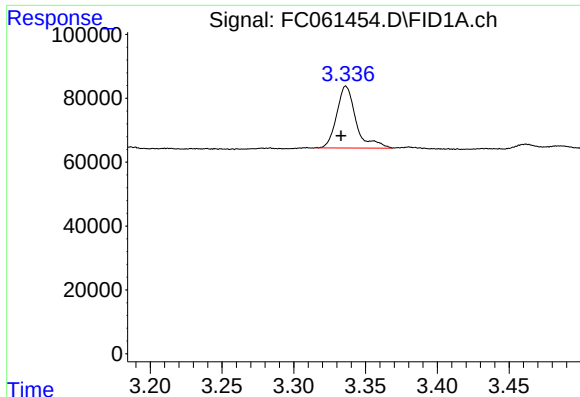
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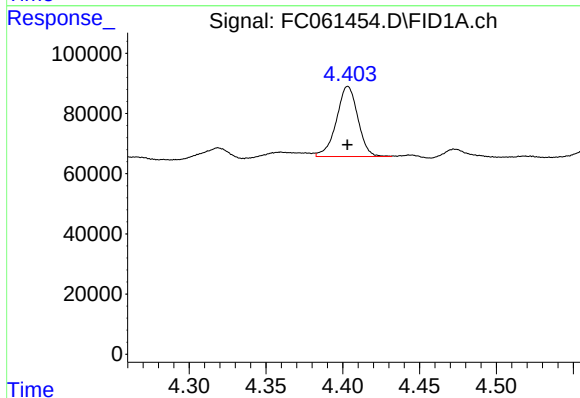
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.003 min
Response: 182150
Conc: 1.20 ug/ml

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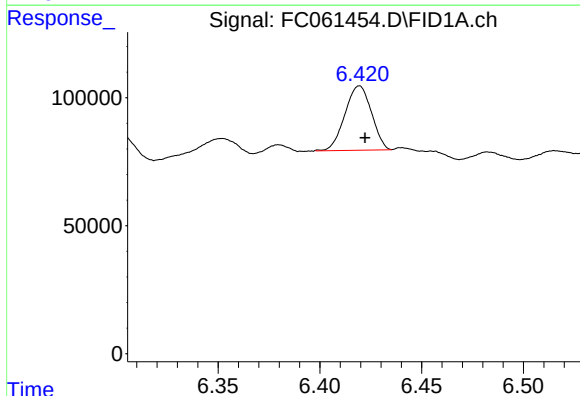
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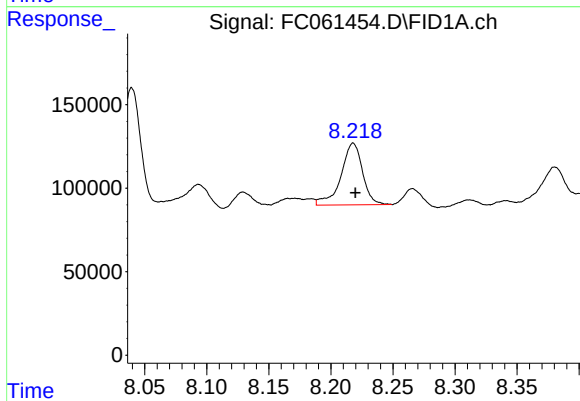
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 225794
Conc: 1.49 ug/ml m



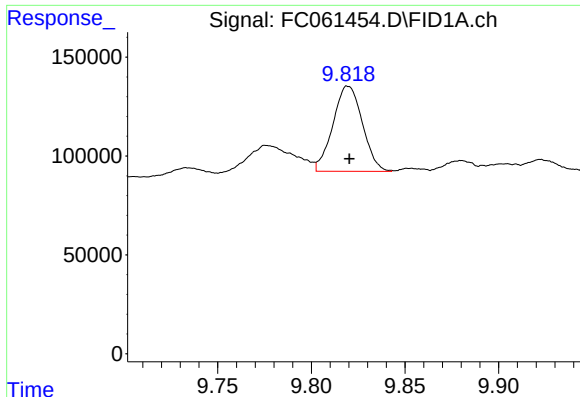
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 228239
Conc: 1.47 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 447152
Conc: 2.86 ug/ml m



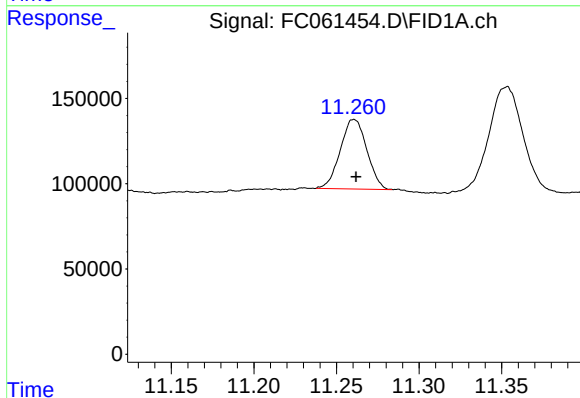
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.002 min
Response: 472213
Conc: 3.01 ug/ml

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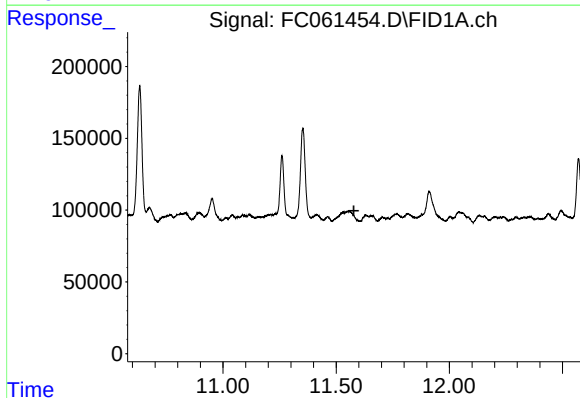
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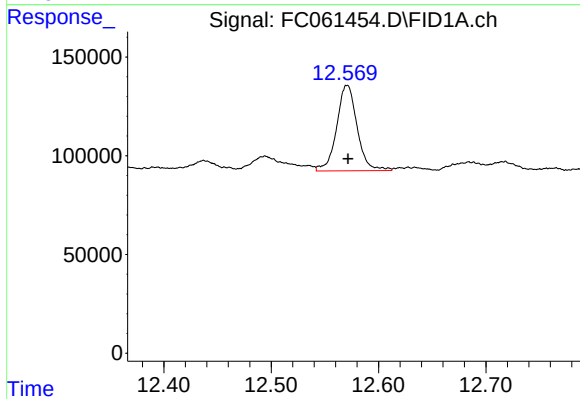
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.002 min
Response: 456580
Conc: 2.89 ug/ml m



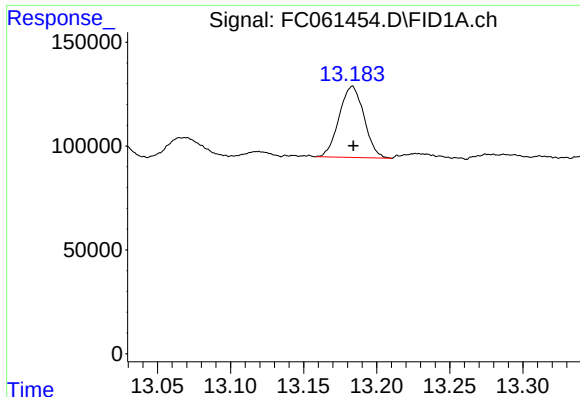
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 573359
Conc: 3.69 ug/ml



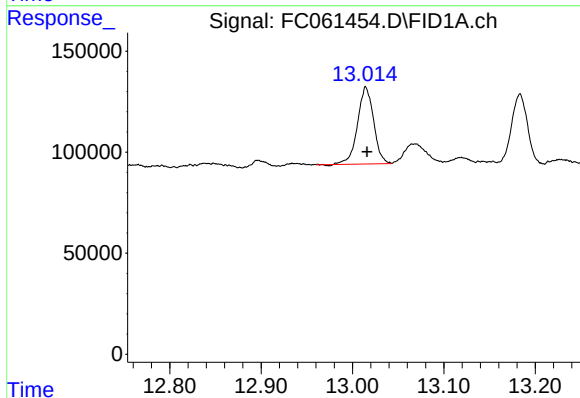
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.000 min
Response: 405446
Conc: 2.59 ug/ml

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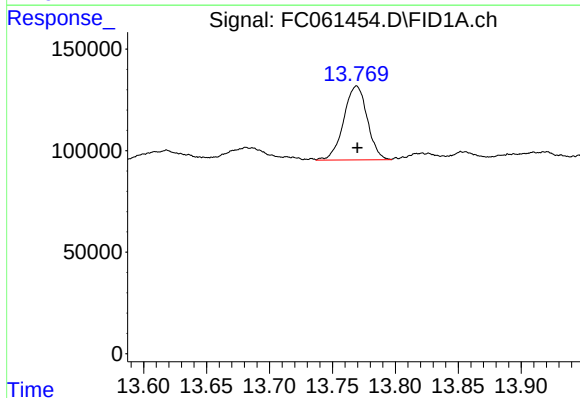
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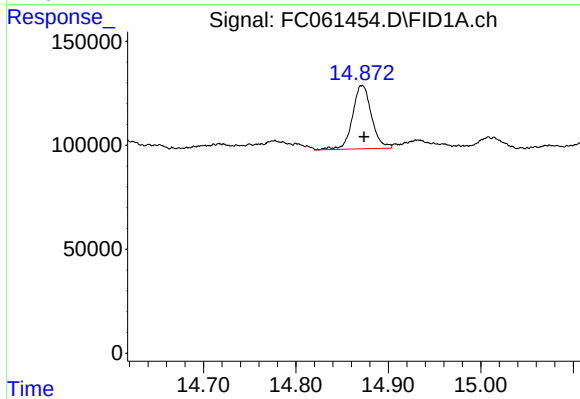
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.001 min
Response: 466486
Conc: 3.33 ug/ml



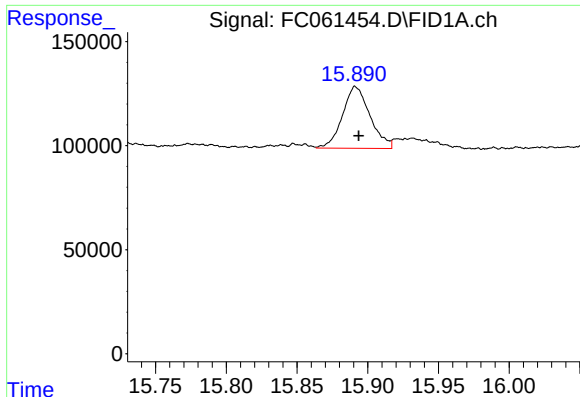
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 474162
Conc: 3.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.002 min
Response: 433468
Conc: 2.80 ug/ml



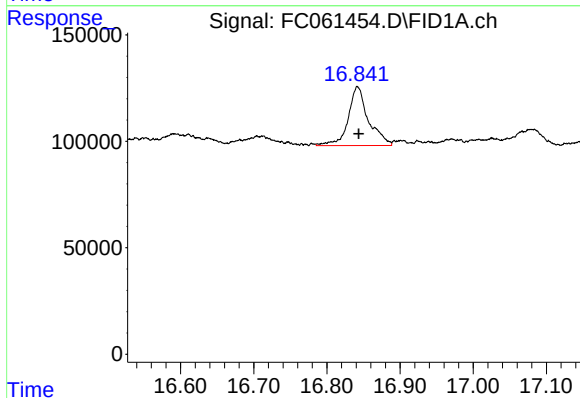
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.002 min
Response: 401940
Conc: 2.67 ug/ml

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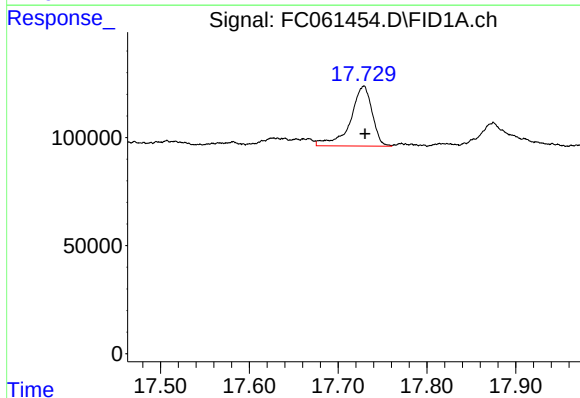
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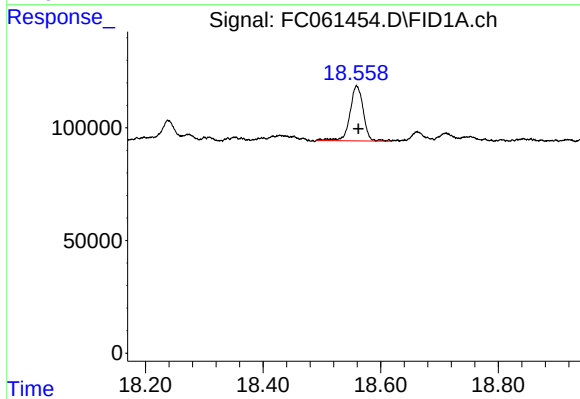
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: -0.002 min
Response: 530849
Conc: 3.59 ug/ml



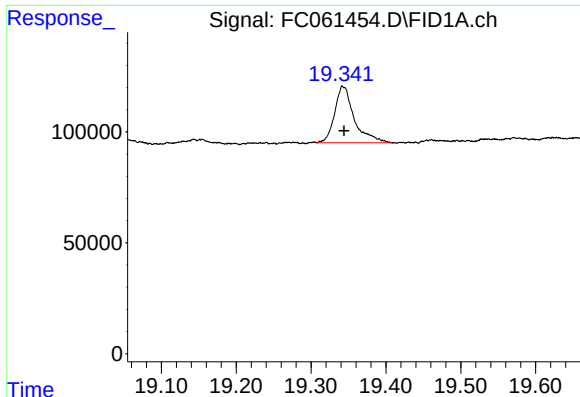
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.002 min
Response: 472789
Conc: 3.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.003 min
Response: 379340
Conc: 3.46 ug/ml



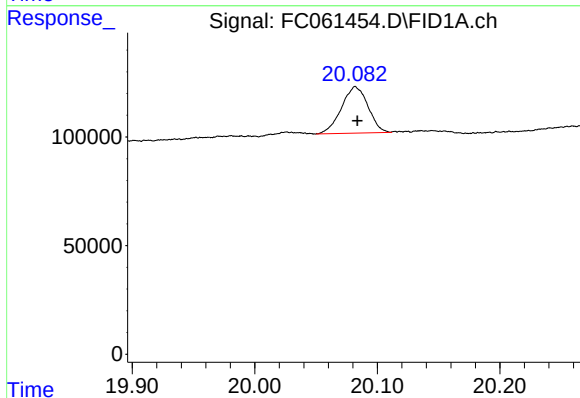
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.003 min
Response: 464054
Conc: 6.01 ug/ml

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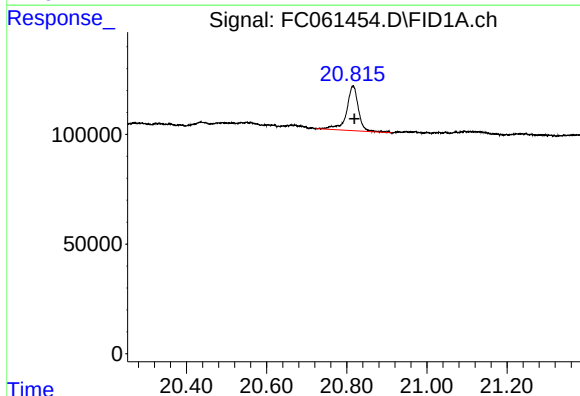
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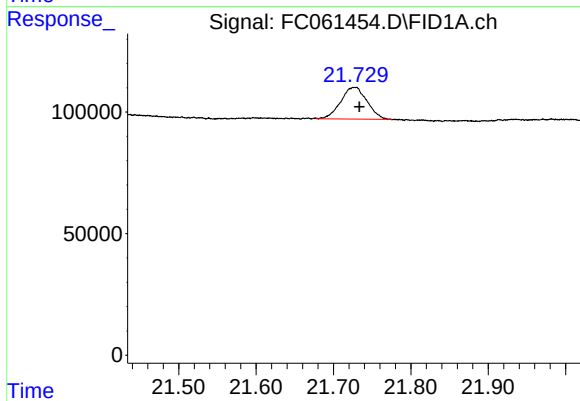
#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.002 min
Response: 321424
Conc: 5.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.003 min
Response: 424142
Conc: 9.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: -0.004 min
Response: 309899
Conc: 7.39 ug/ml m