

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091922AL\
 Data File : FC061558.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2022 10:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: sample.E
 Quant Time: Sep 19 15:41:37 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			
9) S ortho-Terphenyl (SURR)	11.576	3220882	18.194 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
12) S 1-chlorooctadecane (S...	13.015	2532536	18.083 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T n-Nonane (C9)	3.326	3018014	19.962 ug/ml
2) T n-Decane (C10)	4.396	3068302	20.221 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3439129	19.868 ug/ml
4) T n-Dodecane (C12)	6.415	3087766	19.937 ug/ml
5) T A~2-methylnaphthalene...	7.039	3457754	19.637 ug/ml
6) T n-Tetradecane (C14)	8.214	3063629	19.586 ug/ml
7) T n-Hexadecane (C16)	9.816	3028271	19.334 ug/ml
8) T n-Octadecane (C18)	11.260	2990383	18.954 ug/ml
10) T n-Eicosane (C20)	12.570	2879757	18.524 ug/ml
11) T n-Heneicosane (C21)	13.182	2850827	18.226 ug/ml
13) T n-Docosane (C22)	13.769	2802029	18.057 ug/ml
14) T n-Tetracosane (C24)	14.872	2726969	17.627 ug/ml
15) T n-Hexacosane (C26)	15.892	2635763	17.513 ug/ml
16) T n-Octacosane (C28)	16.843	2611604	17.681 ug/ml
17) T n-Tricontane (C30)	17.730	2547621	18.445 ug/ml
18) T n-Dotriacontane (C32)	18.560	2128067	19.388 ug/mlm
19) T n-Tetratriacontane (C34)	19.344	1600279	20.732 ug/ml
20) T n-Hexatriacontane (C36)	20.084	1195573	21.176 ug/mlm
21) T n-Octatriacontane (C38)	20.815	1150260	24.795 ug/mlm
22) T n-Tetracontane (C40)	21.728	945402	22.540 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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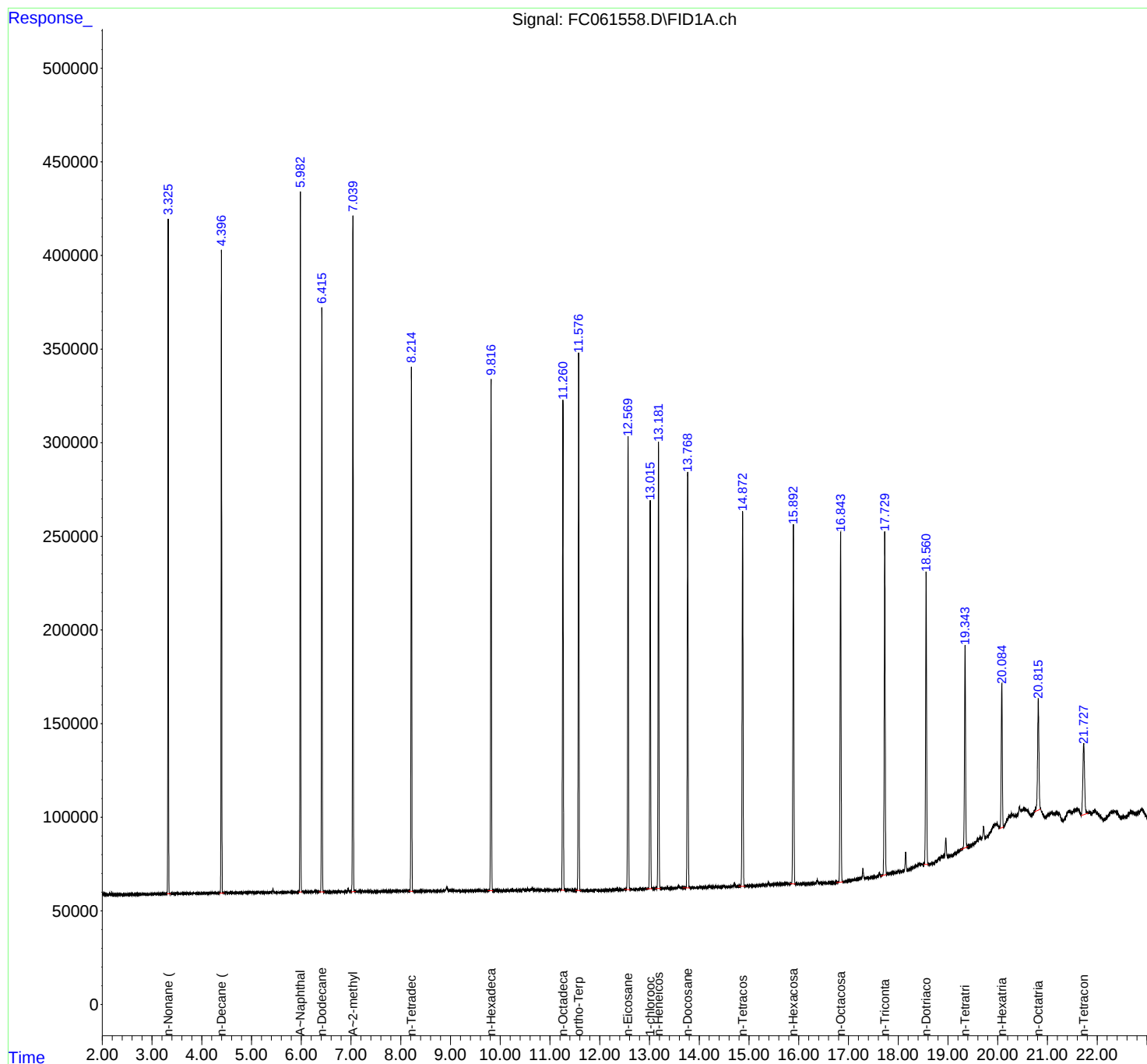
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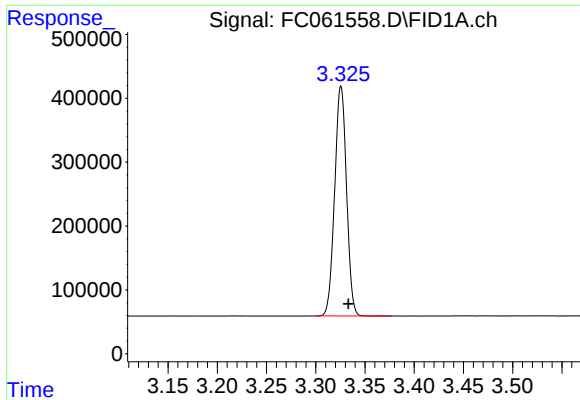
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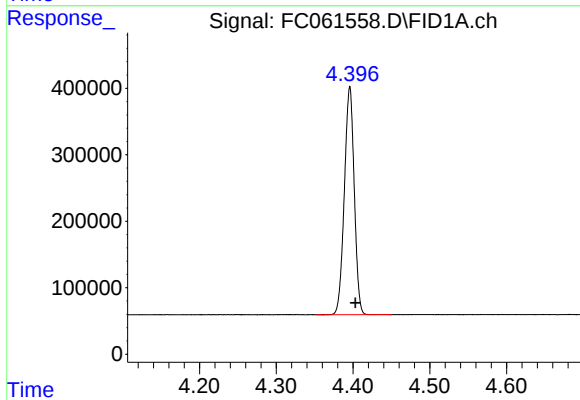
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.007 min
Response: 3018014
Conc: 19.96 ug/ml

Instrument : FID_C
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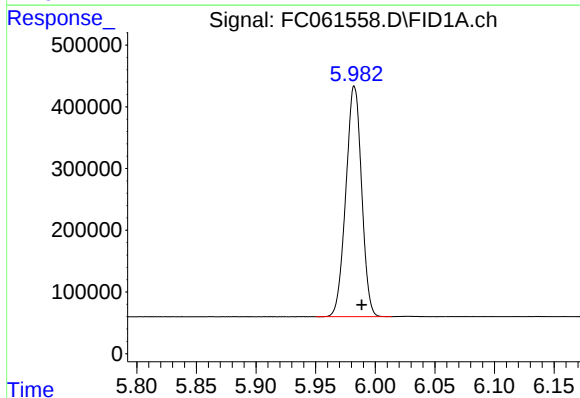
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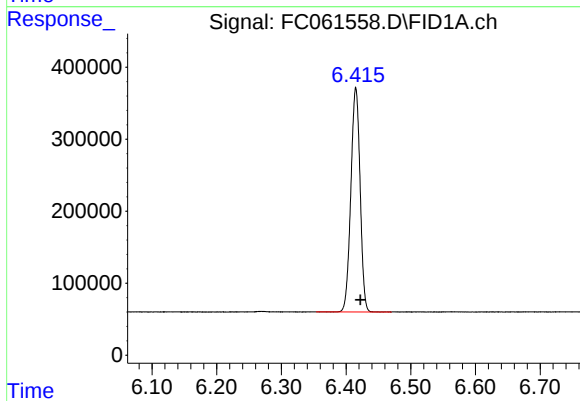
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.007 min
Response: 3068302
Conc: 20.22 ug/ml



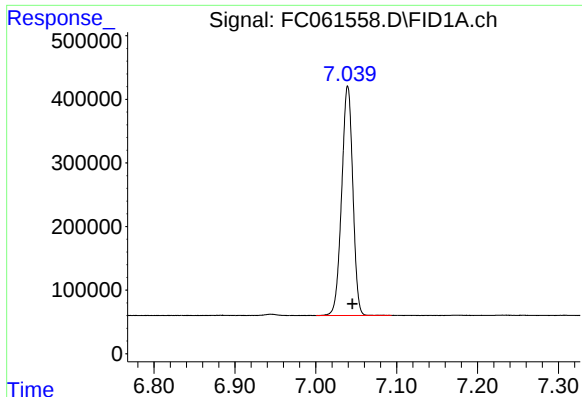
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.006 min
Response: 3439129
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 3087766
Conc: 19.94 ug/ml



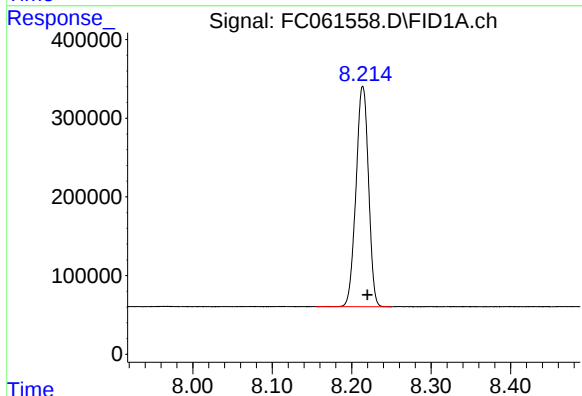
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 3457754
Conc: 19.64 ug/ml

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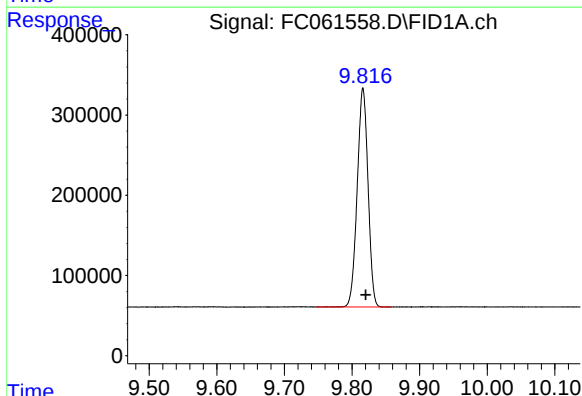
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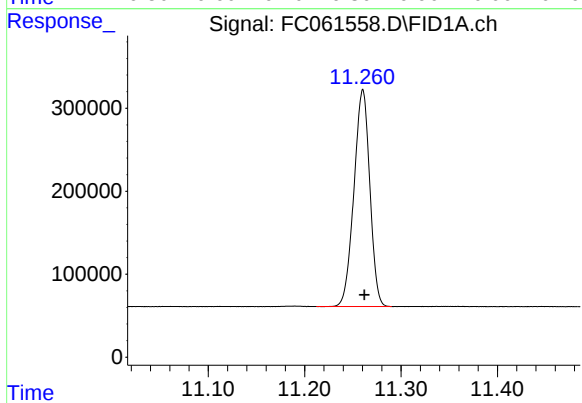
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.006 min
Response: 3063629
Conc: 19.59 ug/ml



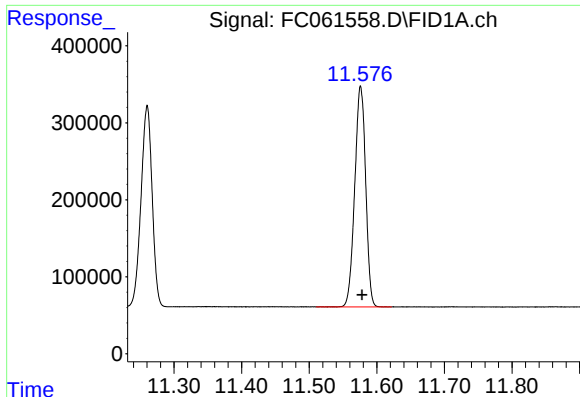
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.004 min
Response: 3028271
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.002 min
Response: 2990383
Conc: 18.95 ug/ml



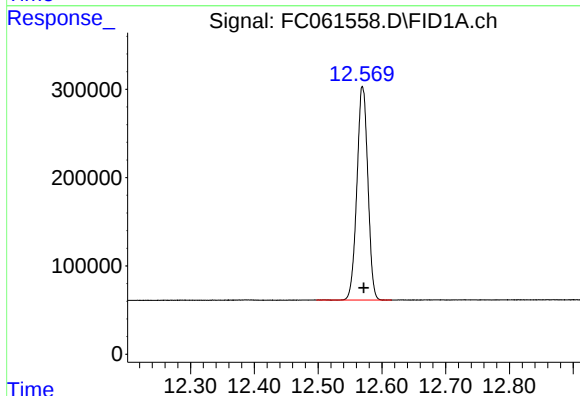
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 3220882
Conc: 18.19 ug/ml

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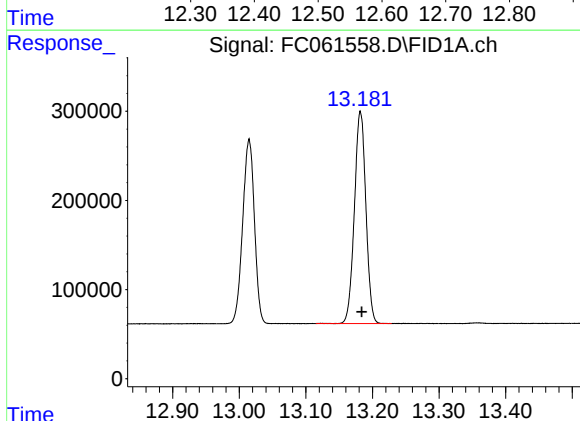
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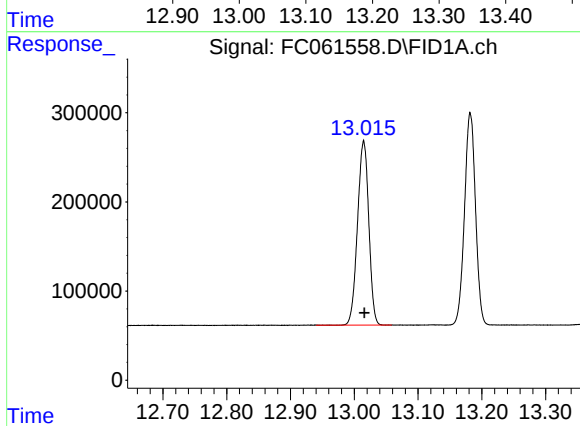
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2879757
Conc: 18.52 ug/ml



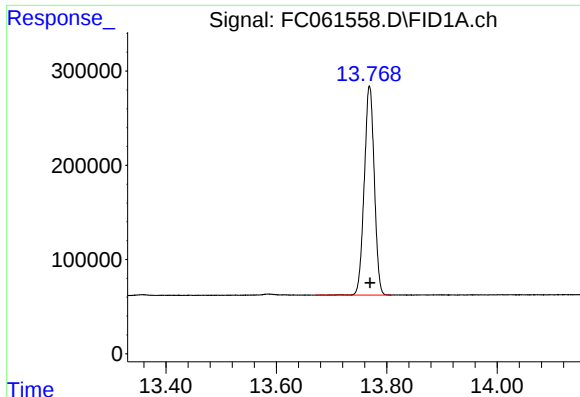
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.002 min
Response: 2850827
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.001 min
Response: 2532536
Conc: 18.08 ug/ml



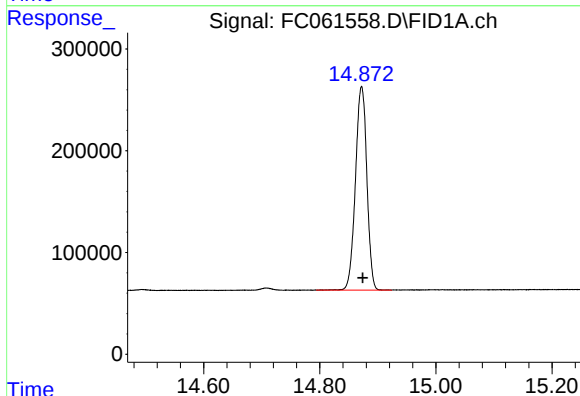
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: -0.001 min
Response: 2802029
Conc: 18.06 ug/ml

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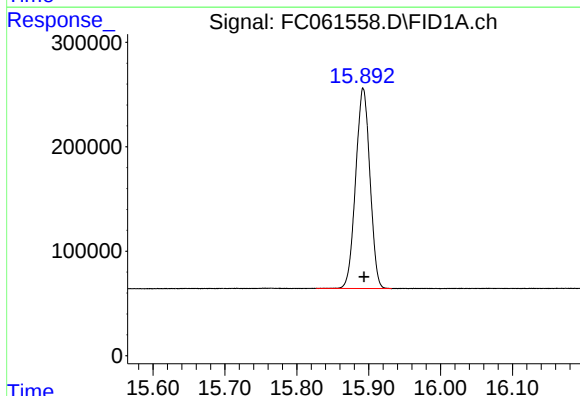
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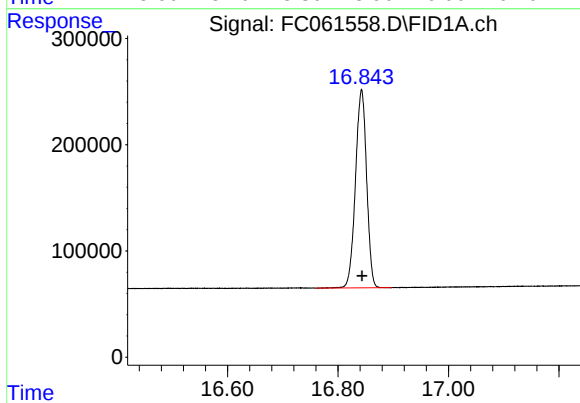
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.002 min
Response: 2726969
Conc: 17.63 ug/ml



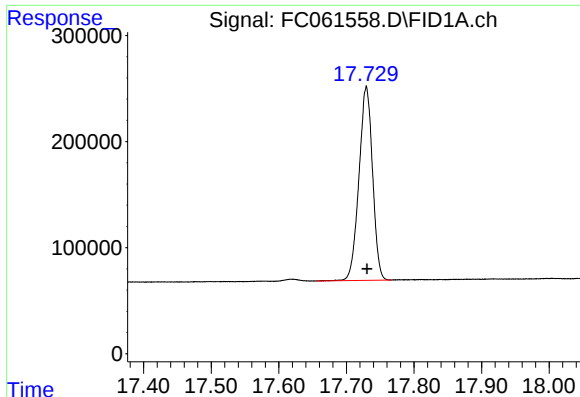
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.001 min
Response: 2635763
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2611604
Conc: 17.68 ug/ml



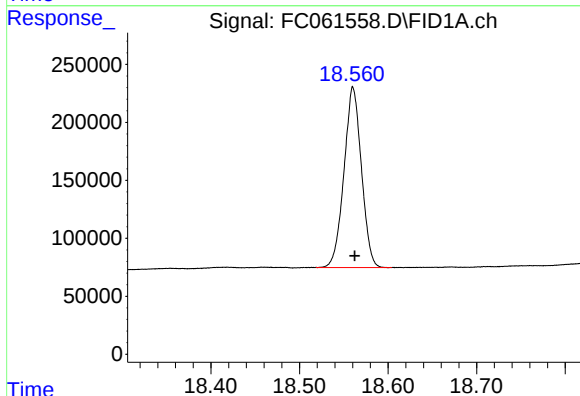
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: -0.001 min
Response: 2547621
Conc: 18.45 ug/ml

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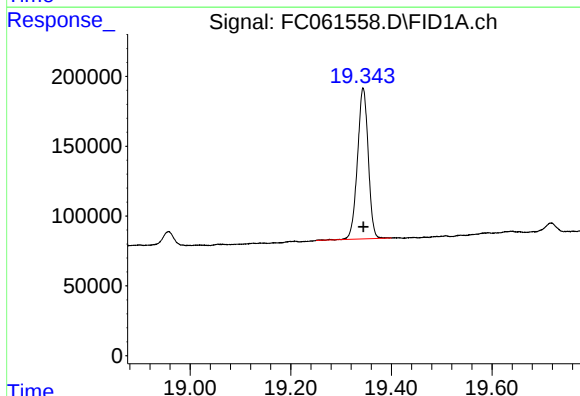
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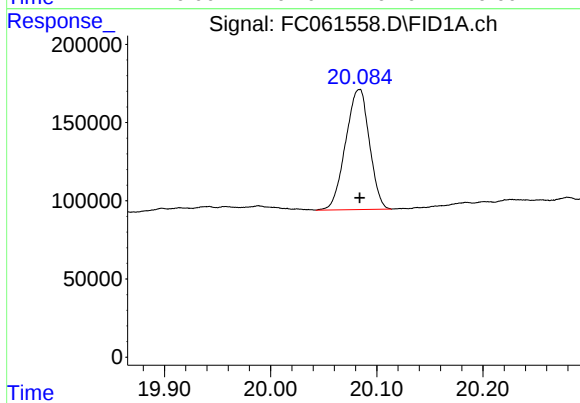
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.003 min
Response: 2128067
Conc: 19.39 ug/ml m



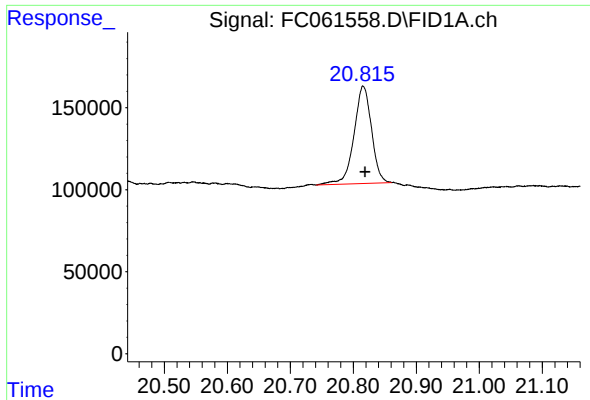
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: 0.000 min
Response: 1600279
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.000 min
Response: 1195573
Conc: 21.18 ug/ml m



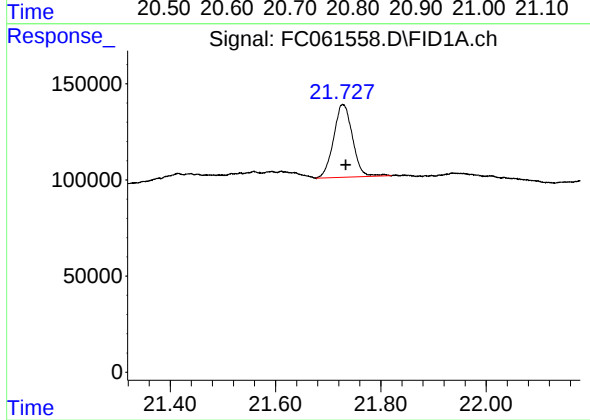
#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.004 min
Response: 1150260
Conc: 24.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: -0.006 min
Response: 945402
Conc: 22.54 ug/ml