

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061595.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2022 18:24
 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 09/22/2022
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e
 Quant Time: Sep 21 18:50:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.571	3266337	19.113 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	13.009	2586995	18.937 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.321	2830983	18.966 ug/ml
2) T n-Decane (C10)	4.391	2864980	18.993 ug/ml
3) T A~Naphthalene (C11.7)	5.977	3154093	19.020 ug/ml
4) T n-Dodecane (C12)	6.411	2888772	18.998 ug/ml
5) T A~2-methylnaphthalene...	7.033	3130204	19.029 ug/ml
6) T n-Tetradecane (C14)	8.210	2902888	19.040 ug/ml
7) T n-Hexadecane (C16)	9.813	2950311	19.080 ug/ml
8) T n-Octadecane (C18)	11.256	3014512	19.122 ug/ml
10) T n-Eicosane (C20)	12.566	3028125	19.002 ug/ml
11) T n-Heneicosane (C21)	13.178	3037858	18.935 ug/ml
13) T n-Docosane (C22)	13.763	3035622	18.894 ug/ml
14) T n-Tetracosane (C24)	14.868	2999786	18.726 ug/ml
15) T n-Hexacosane (C26)	15.888	2943785	18.570 ug/ml
16) T n-Octacosane (C28)	16.837	2852989	18.407 ug/ml
17) T n-Tricontane (C30)	17.725	2942679	19.122 ug/ml
18) T n-Dotriacontane (C32)	18.558	3250105	21.495 ug/ml
19) T n-Tetratriacontane (C34)	19.340	2837000	20.008 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2559116	18.537 ug/mlm
21) T n-Octatriacontane (C38)	20.814	2453341	18.944 ug/mlm
22) T n-Tetracontane (C40)	21.723	2282833	18.680 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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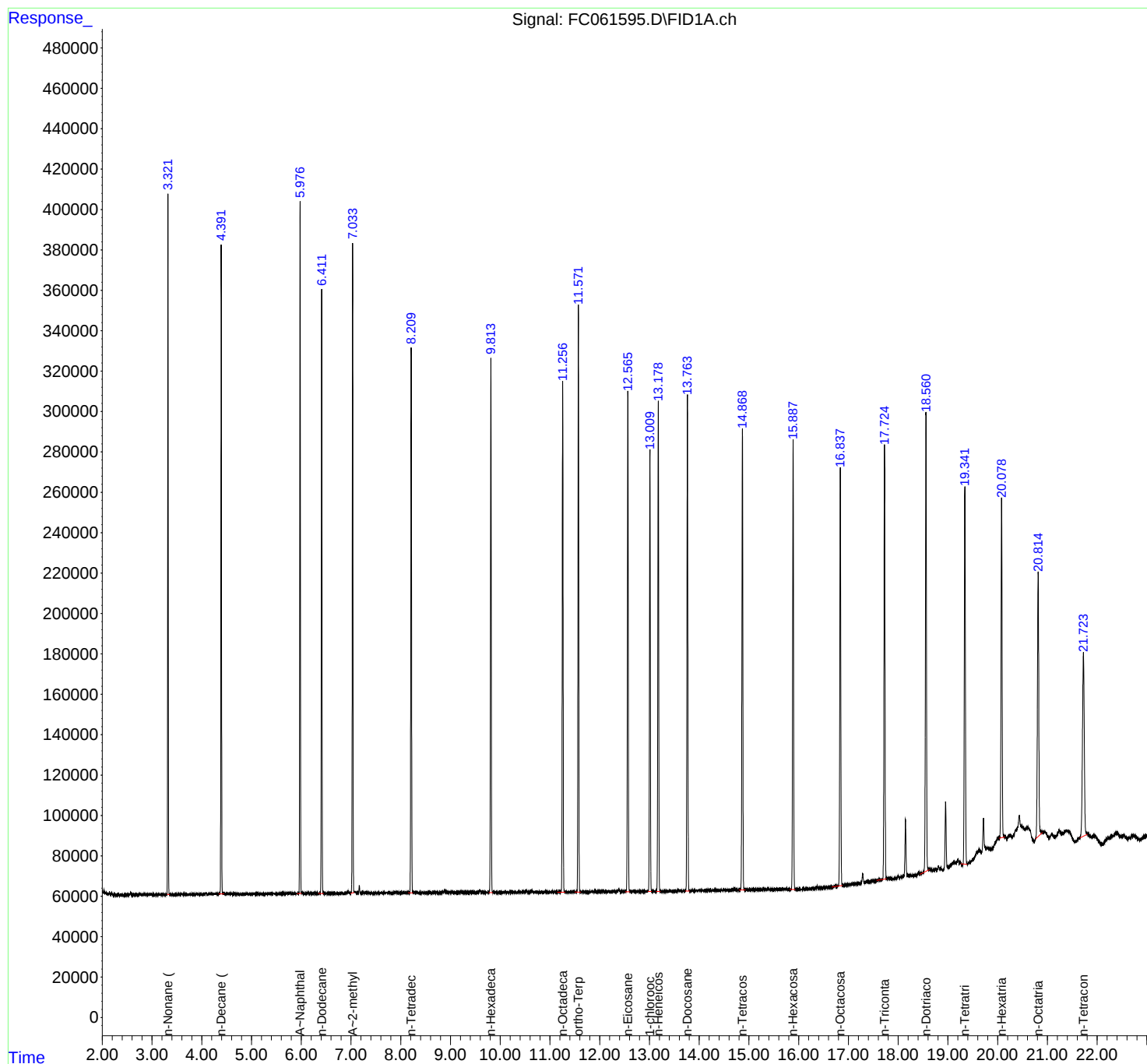
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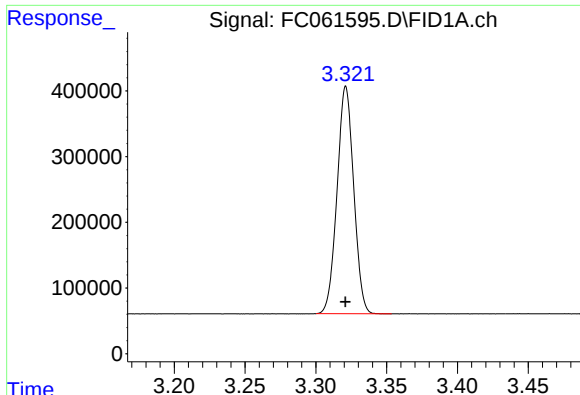
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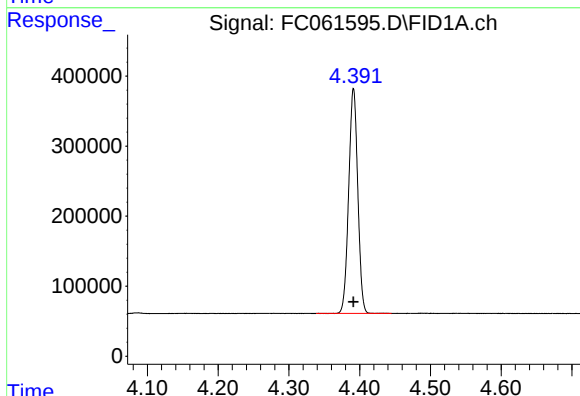
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2830983
Conc: 18.97 ug/ml

Instrument :
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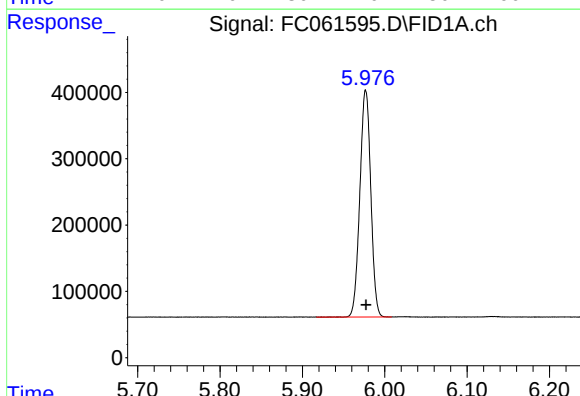
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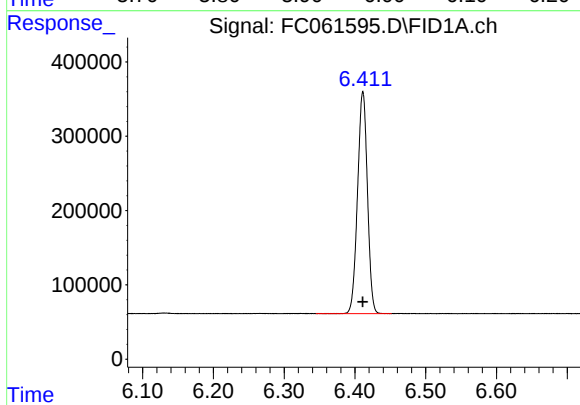
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 2864980
Conc: 18.99 ug/ml



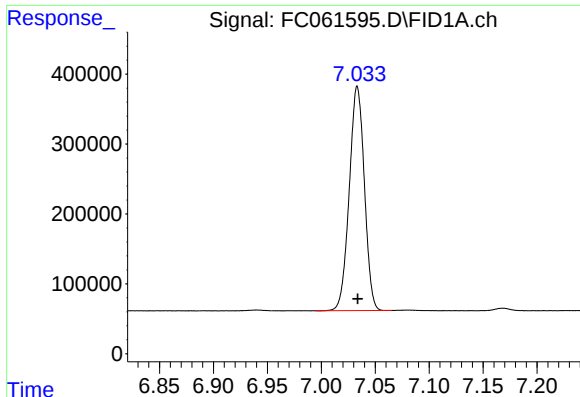
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 3154093
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2888772
Conc: 19.00 ug/ml



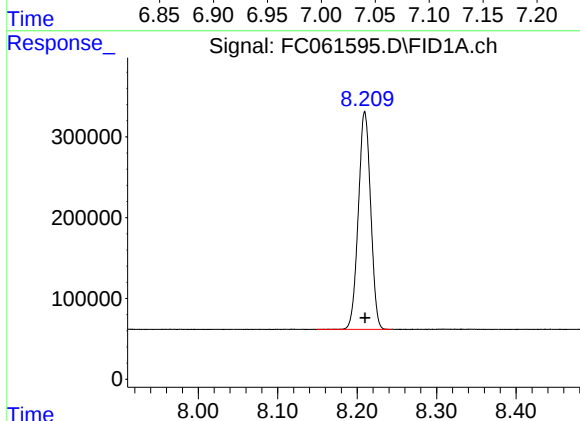
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 3130204
Conc: 19.03 ug/ml

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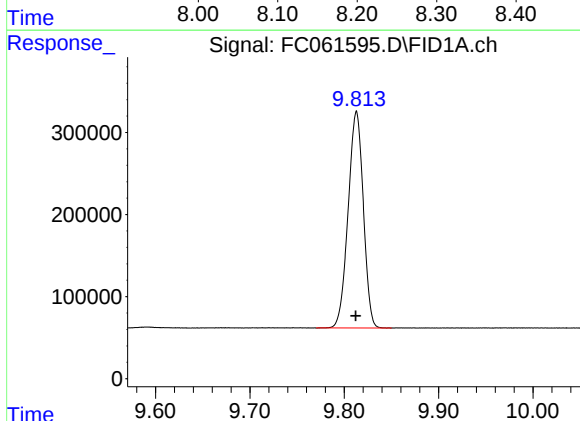
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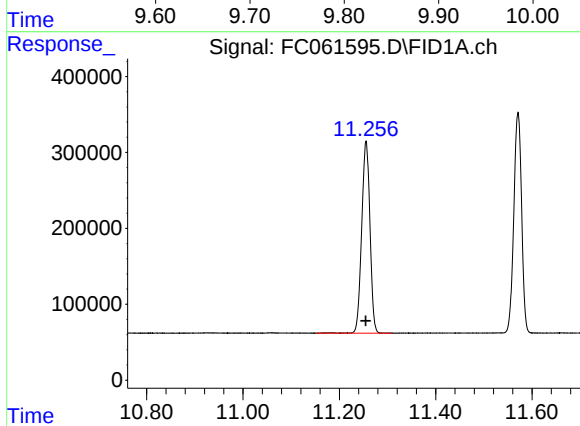
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2902888
Conc: 19.04 ug/ml



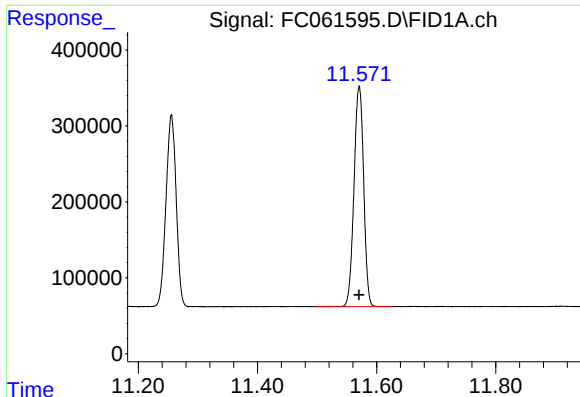
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: 0.000 min
Response: 2950311
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 3014512
Conc: 19.12 ug/ml



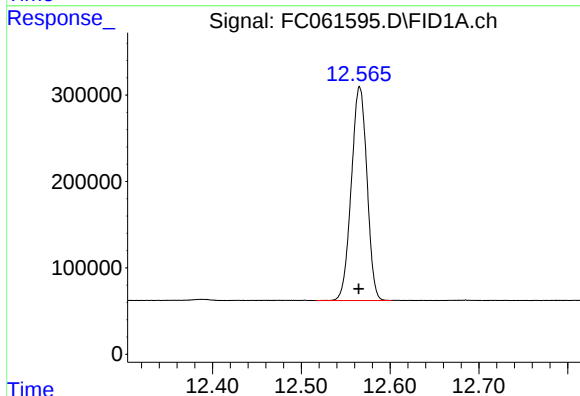
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3266337
Conc: 19.11 ug/ml

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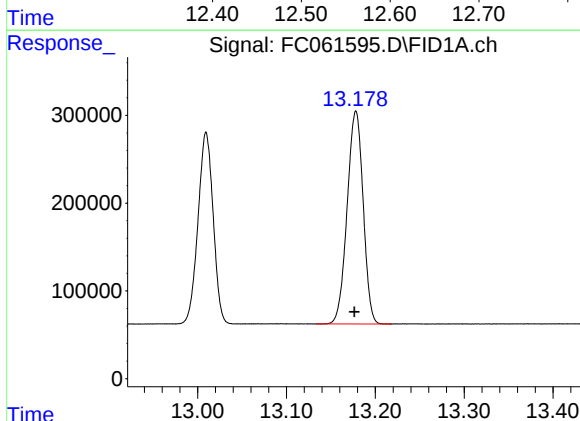
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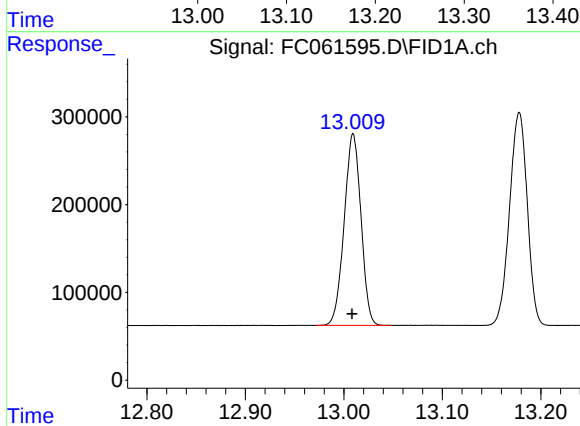
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: 0.001 min
Response: 3028125
Conc: 19.00 ug/ml



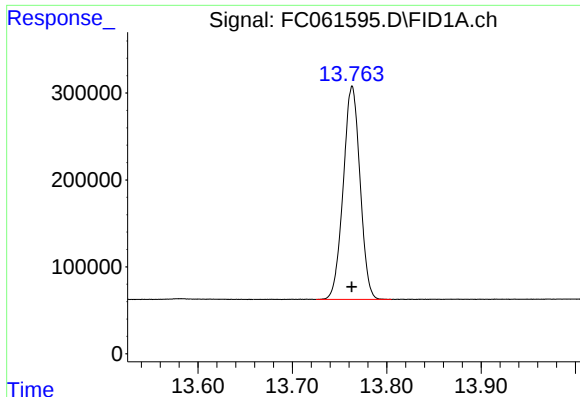
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.001 min
Response: 3037858
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min
Delta R.T.: 0.001 min
Response: 2586995
Conc: 18.94 ug/ml



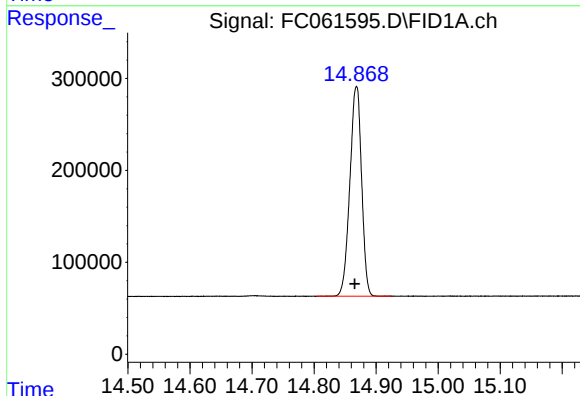
#13 n-Docosane (C22)

R.T.: 13.763 min
Delta R.T.: 0.000 min
Response: 3035622
Conc: 18.89 ug/ml

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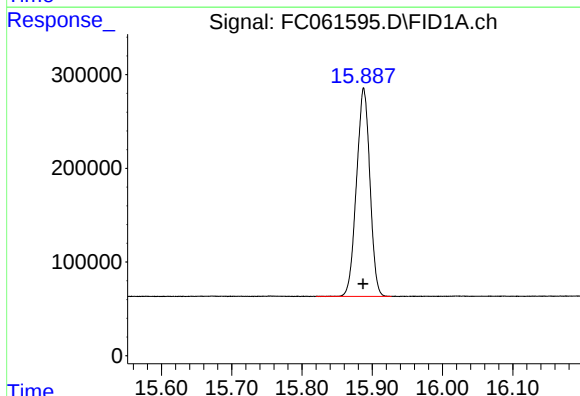
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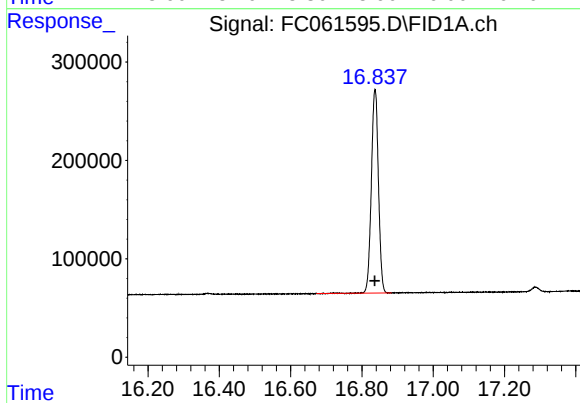
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.002 min
Response: 2999786
Conc: 18.73 ug/ml



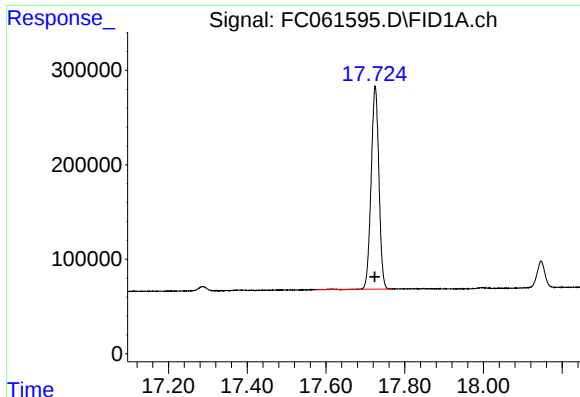
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.001 min
Response: 2943785
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 2852989
Conc: 18.41 ug/ml



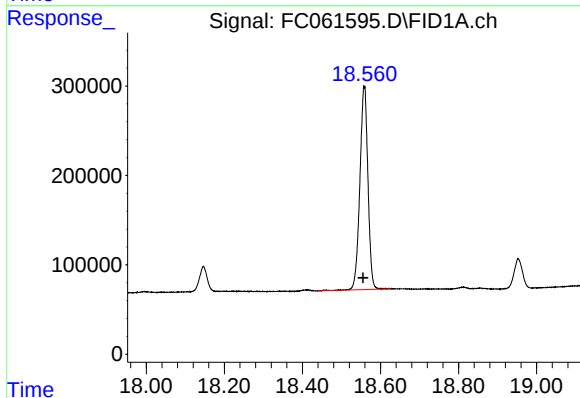
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.000 min
Response: 2942679
Conc: 19.12 ug/ml

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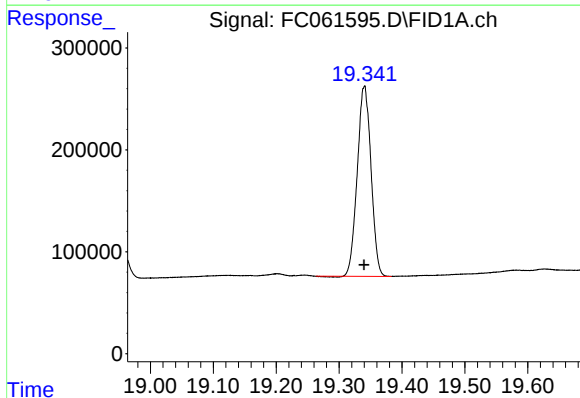
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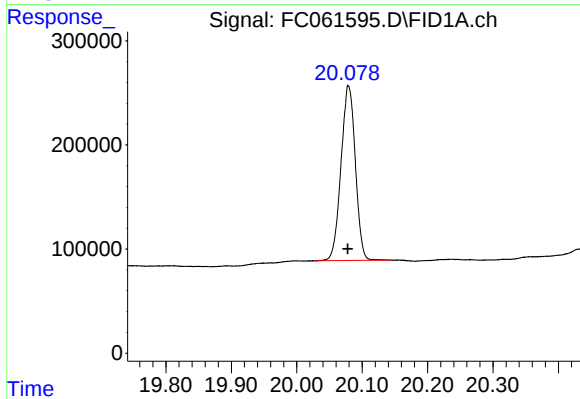
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.003 min
Response: 3250105
Conc: 21.49 ug/ml



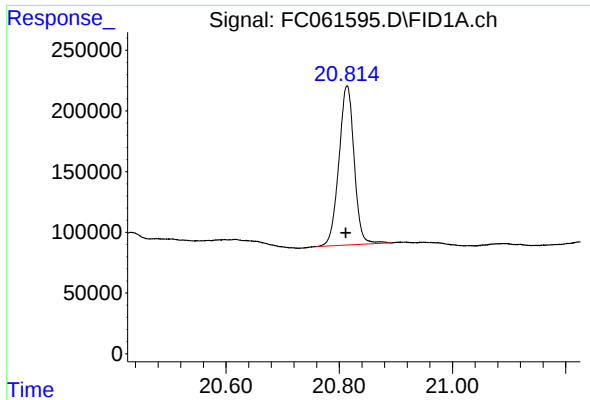
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.000 min
Response: 2837000
Conc: 20.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: 0.000 min
Response: 2559116
Conc: 18.54 ug/ml m



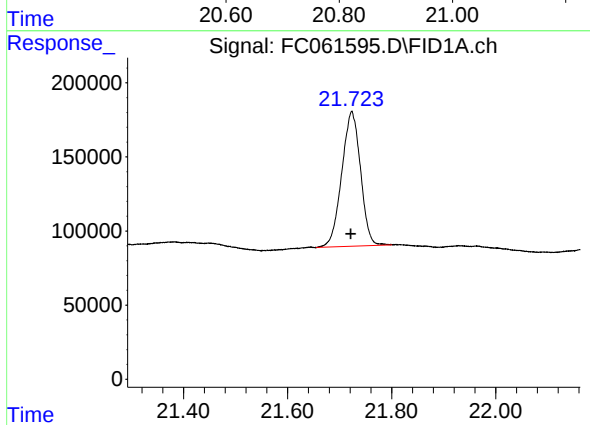
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.002 min
Response: 2453341
Conc: 18.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: 0.002 min
Response: 2282833
Conc: 18.68 ug/ml m