

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091422AL\
 Data File : FC061528.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2022 05:45
 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 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 07:52:31 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)	11.578	3074892	17.369 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
12) S 1-chlorooctadecane (S...	13.017	2417008	17.258 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
Target Compounds			
1) T n-Nonane (C9)	3.334	2960517	19.581 ug/ml
2) T n-Decane (C10)	4.401	2973422	19.596 ug/ml
3) T A~Naphthalene (C11.7)	5.986	3333271	19.256 ug/ml
4) T n-Dodecane (C12)	6.418	2994761	19.337 ug/ml
5) T A~2-methylnaphthalene...	7.043	3340217	18.970 ug/ml
6) T n-Tetradecane (C14)	8.216	2959044	18.918 ug/ml
7) T n-Hexadecane (C16)	9.819	2913576	18.601 ug/ml
8) T n-Octadecane (C18)	11.262	2867479	18.175 ug/ml
10) T n-Eicosane (C20)	12.572	2746358	17.666 ug/ml
11) T n-Heneicosane (C21)	13.184	2711824	17.337 ug/ml
13) T n-Docosane (C22)	13.771	2666179	17.181 ug/ml
14) T n-Tetracosane (C24)	14.873	2580254	16.679 ug/ml
15) T n-Hexacosane (C26)	15.894	2491928	16.557 ug/ml
16) T n-Octacosane (C28)	16.844	2436315	16.494 ug/ml
17) T n-Tricontane (C30)	17.732	2363168	17.110 ug/ml
18) T n-Dotriacontane (C32)	18.564	1961145	17.867 ug/mlm
19) T n-Tetratriacontane (C34)	19.347	1510231	19.566 ug/ml
20) T n-Hexatriacontane (C36)	20.086	1114044	19.732 ug/ml
21) T n-Octatriacontane (C38)	20.822	1041618	22.453 ug/mlm
22) T n-Tetracontane (C40)	21.734	966127	23.034 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC061528.D
Signal(s) : FID1A.ch
Acq On : 15 Sep 2022 05:25
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

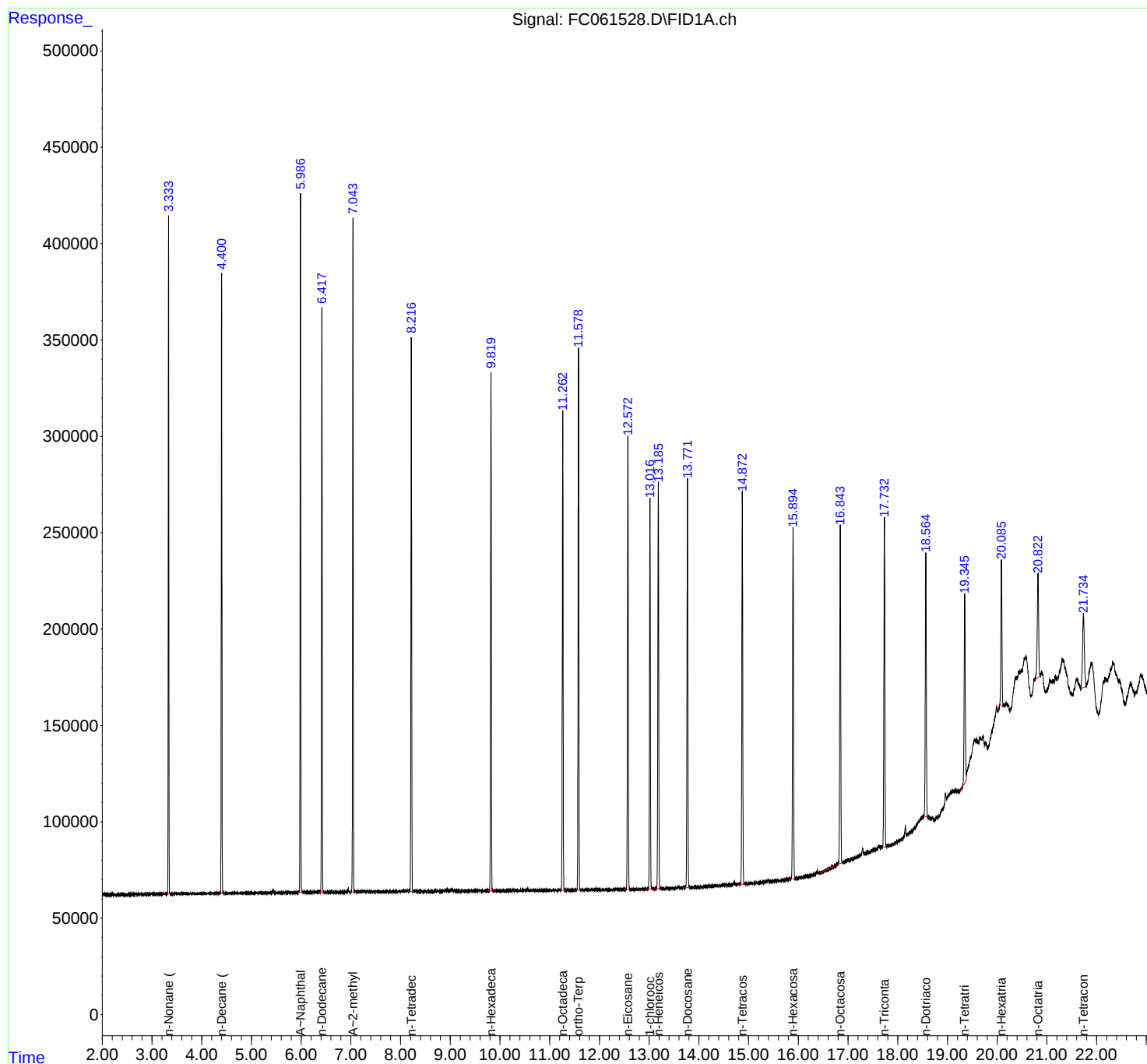
Instrument :
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20 PPM ALIPHATIC HC STD

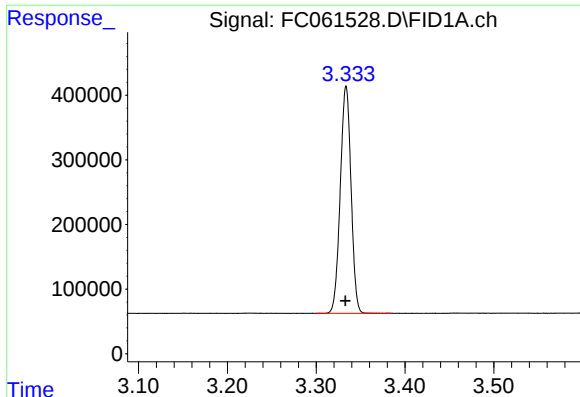
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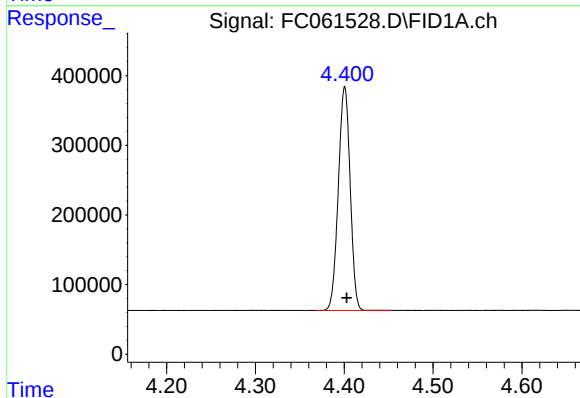
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 2960517
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

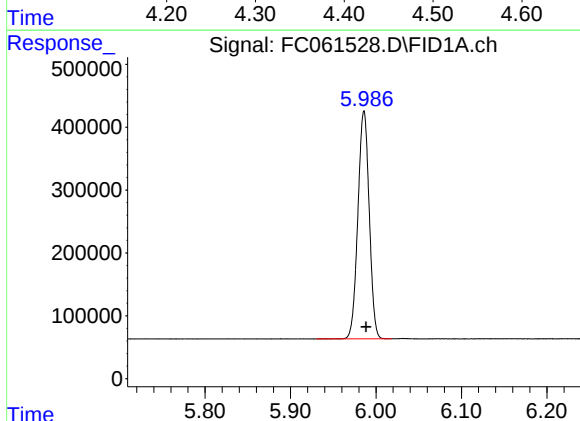
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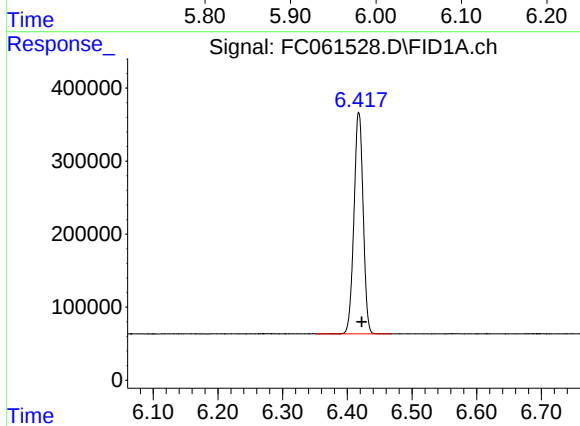
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.002 min
Response: 2973422
Conc: 19.60 ug/ml



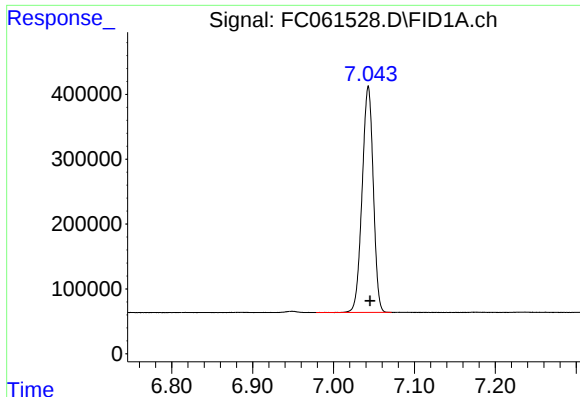
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 3333271
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.418 min
Delta R.T.: -0.004 min
Response: 2994761
Conc: 19.34 ug/ml



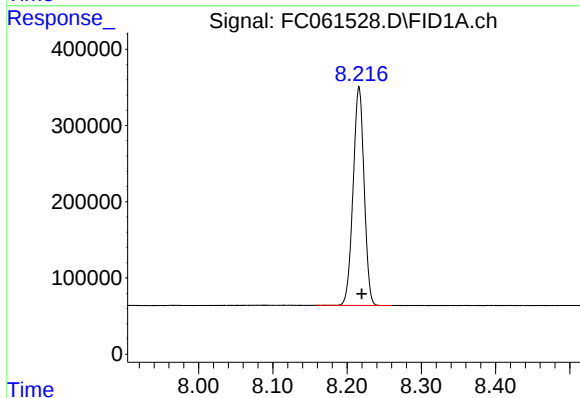
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 3340217
Conc: 18.97 ug/ml

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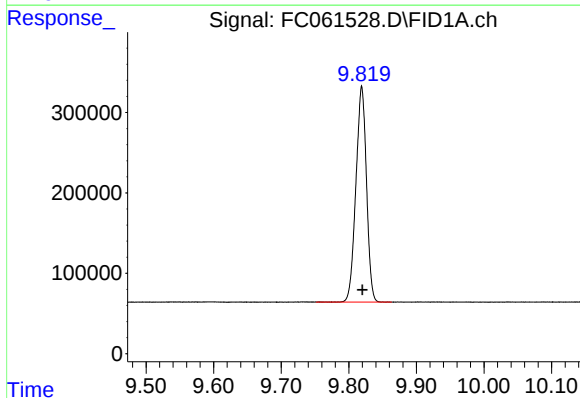
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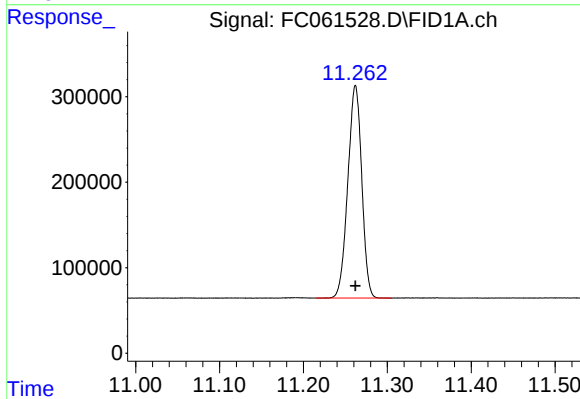
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 2959044
Conc: 18.92 ug/ml



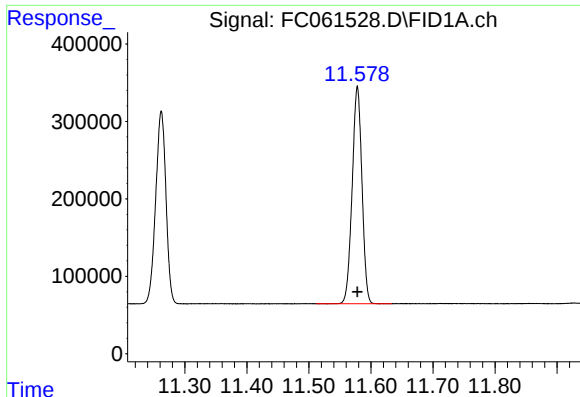
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.001 min
Response: 2913576
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 2867479
Conc: 18.18 ug/ml



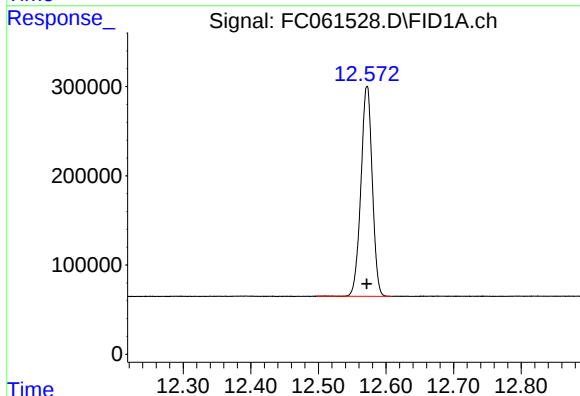
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 3074892
Conc: 17.37 ug/ml

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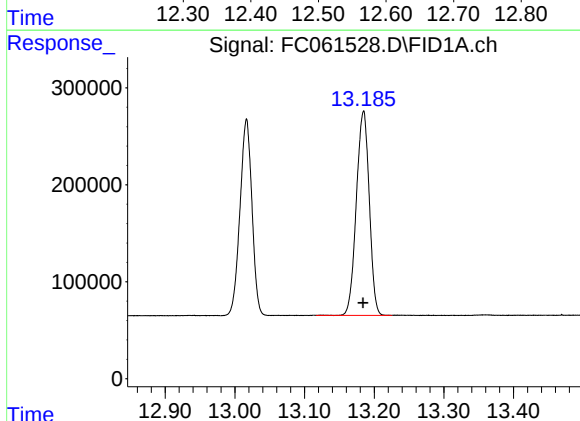
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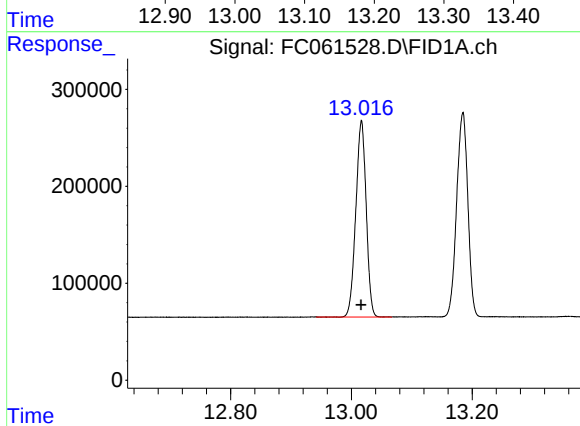
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2746358
Conc: 17.67 ug/ml



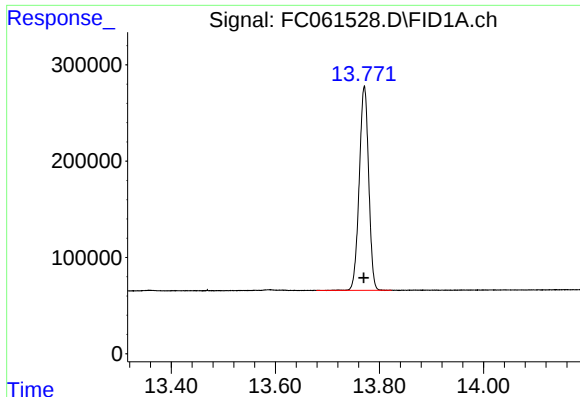
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2711824
Conc: 17.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: 0.000 min
Response: 2417008
Conc: 17.26 ug/ml



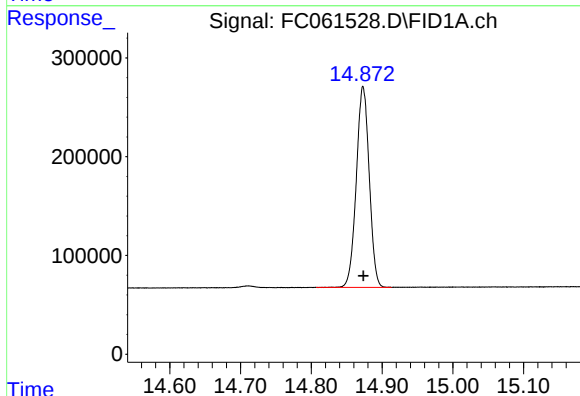
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.000 min
Response: 2666179
Conc: 17.18 ug/ml

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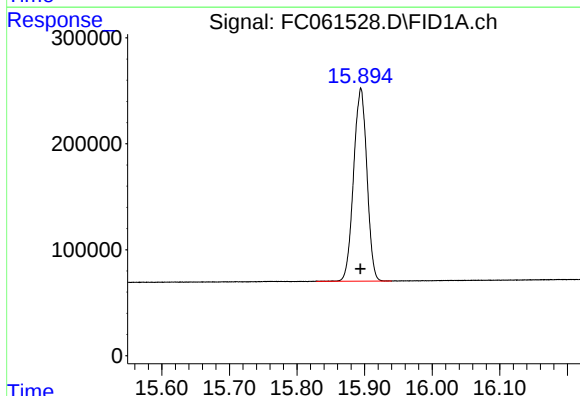
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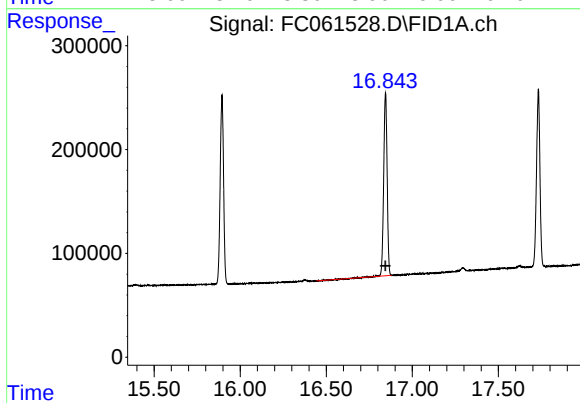
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.000 min
Response: 2580254
Conc: 16.68 ug/ml



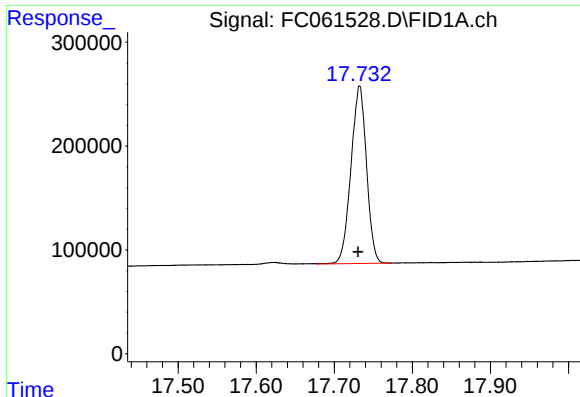
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.000 min
Response: 2491928
Conc: 16.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 2436315
Conc: 16.49 ug/ml



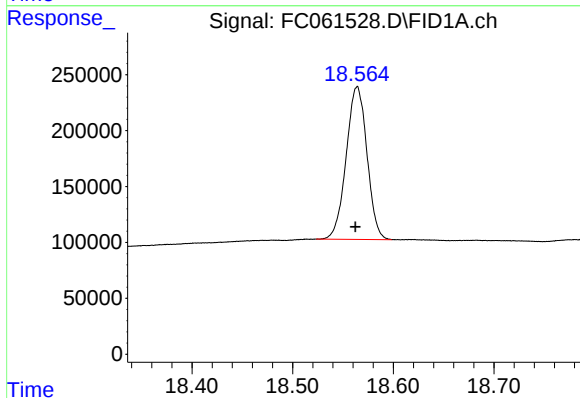
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.002 min
Response: 2363168
Conc: 17.11 ug/ml

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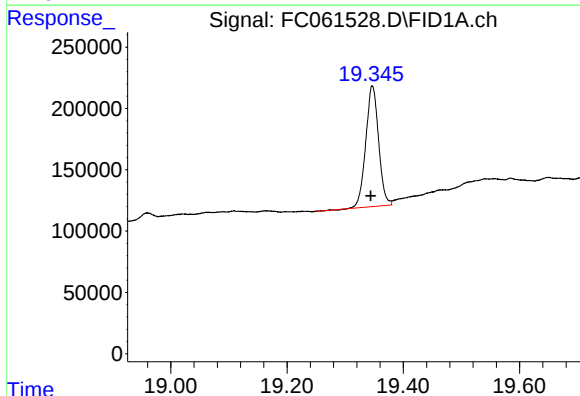
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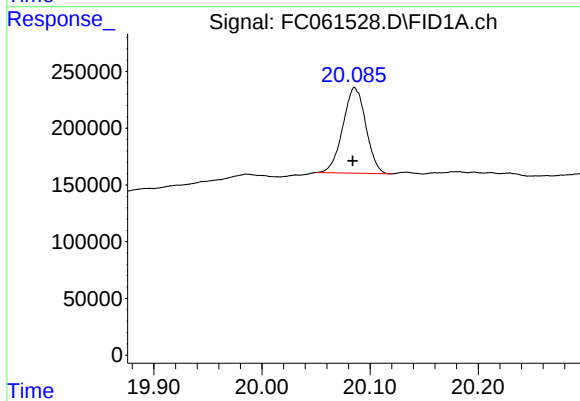
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.002 min
Response: 1961145
Conc: 17.87 ug/ml m



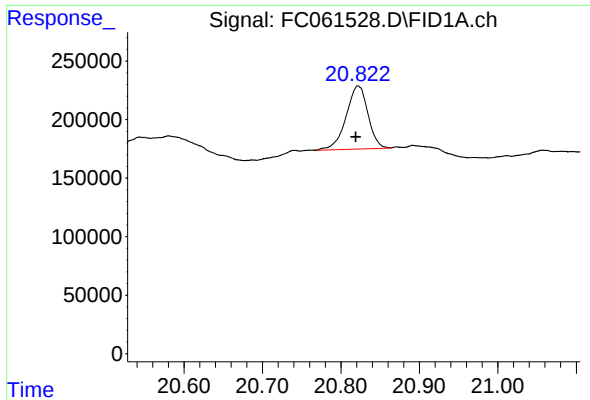
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.003 min
Response: 1510231
Conc: 19.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.002 min
Response: 1114044
Conc: 19.73 ug/ml



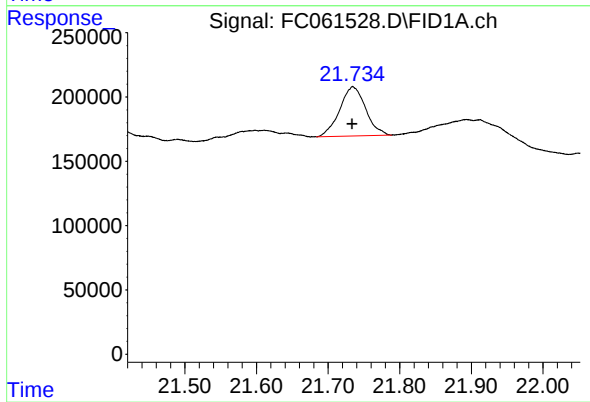
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: 0.003 min
Response: 1041618
Conc: 22.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: 0.000 min
Response: 966127
Conc: 23.03 ug/ml m