

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083122AL\
 Data File : FC061379.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 11:32
 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 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 05:16:25 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	3048382	17.220 ug/ml
Spiked Amount 50.000		Recovery =	34.44%
12) S 1-chlorooctadecane (S...	13.016	2414648	17.241 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
1) T n-Nonane (C9)	3.333	2738941	18.116 ug/ml
2) T n-Decane (C10)	4.403	2772876	18.274 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3141762	18.150 ug/ml
4) T n-Dodecane (C12)	6.422	2816166	18.184 ug/ml
5) T A~2-methylnaphthalene...	7.045	3174442	18.028 ug/ml
6) T n-Tetradecane (C14)	8.220	2826509	18.070 ug/ml
7) T n-Hexadecane (C16)	9.820	2814813	17.971 ug/ml
8) T n-Octadecane (C18)	11.262	2812374	17.826 ug/ml
10) T n-Eicosane (C20)	12.571	2735400	17.596 ug/ml
11) T n-Heneicosane (C21)	13.184	2701847	17.273 ug/ml
13) T n-Docosane (C22)	13.770	2680402	17.273 ug/ml
14) T n-Tetracosane (C24)	14.874	2664781	17.225 ug/ml
15) T n-Hexacosane (C26)	15.894	2546468	16.920 ug/mlm
16) T n-Octacosane (C28)	16.844	2513346	17.016 ug/ml
17) T n-Tricontane (C30)	17.731	2492657	18.047 ug/ml
18) T n-Dotriacontane (C32)	18.562	2081956	18.967 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1538500	19.932 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	1164770	20.631 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1067493	23.011 ug/mlm
22) T n-Tetracontane (C40)	21.733	929524	22.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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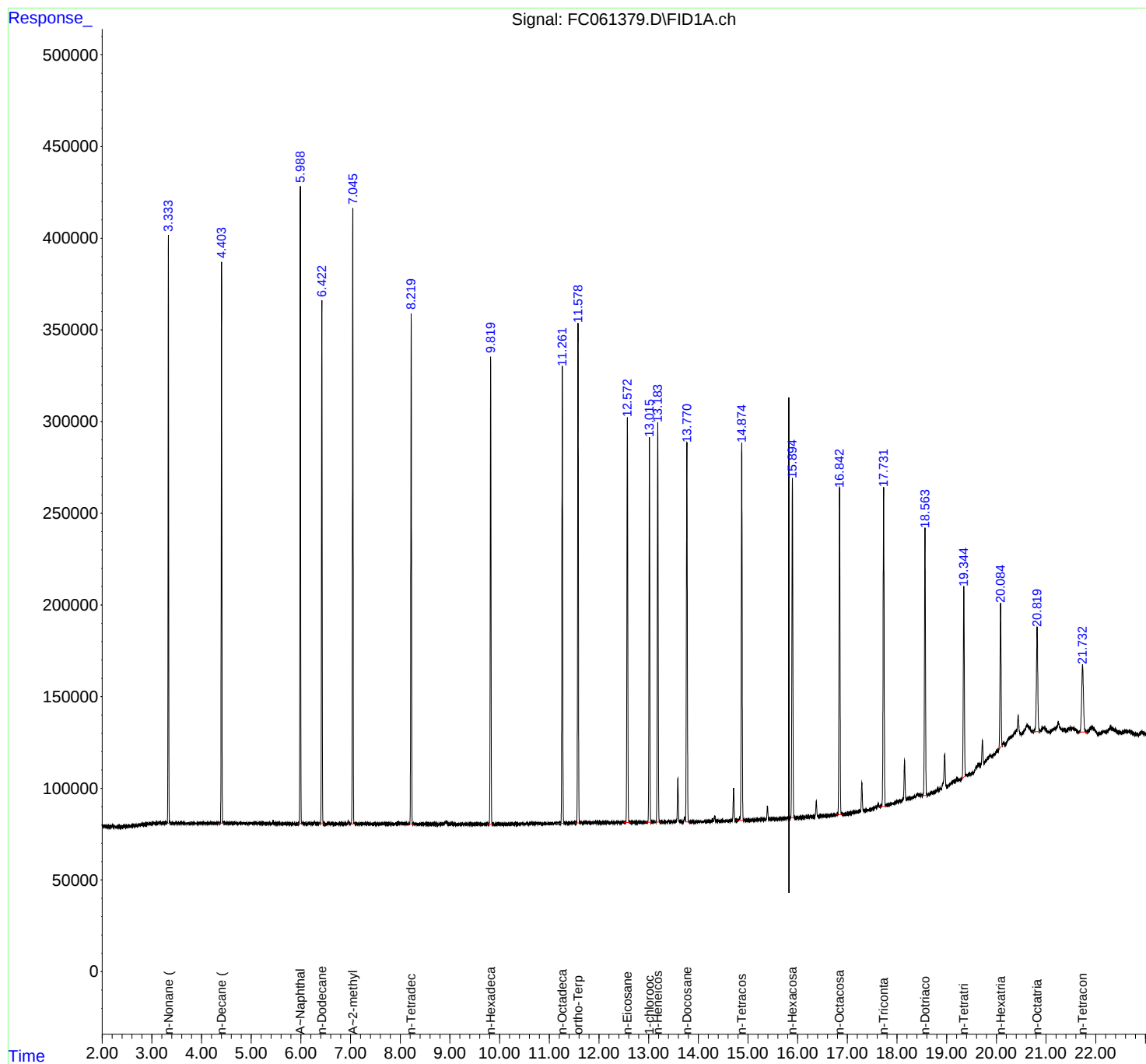
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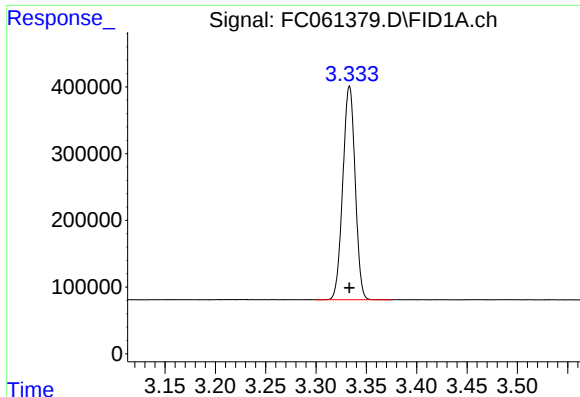
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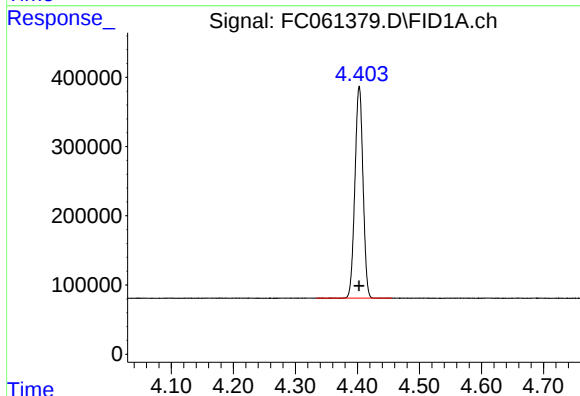
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 2738941
Conc: 18.12 ug/ml

Instrument :
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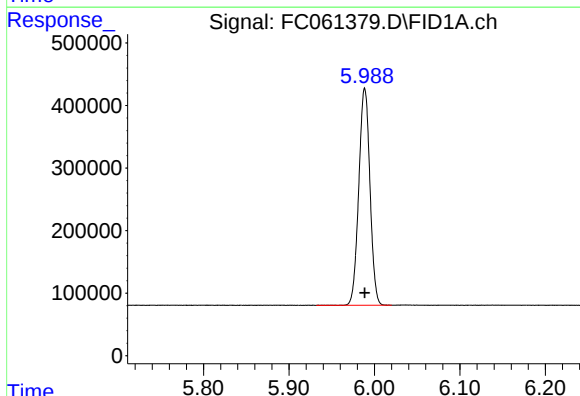
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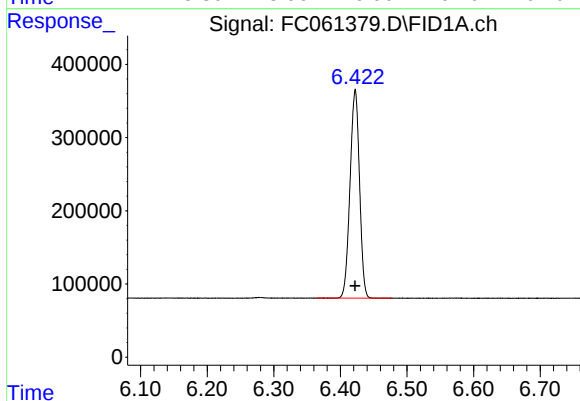
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 2772876
Conc: 18.27 ug/ml



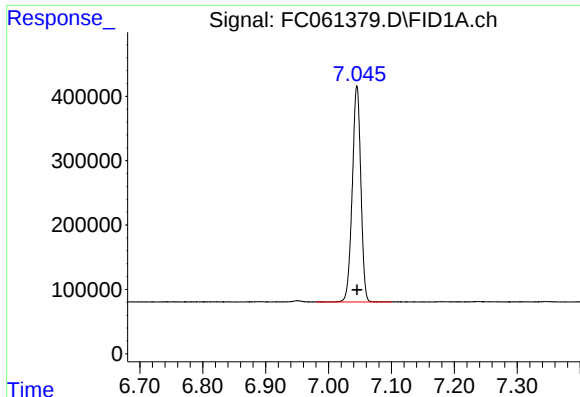
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 3141762
Conc: 18.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2816166
Conc: 18.18 ug/ml



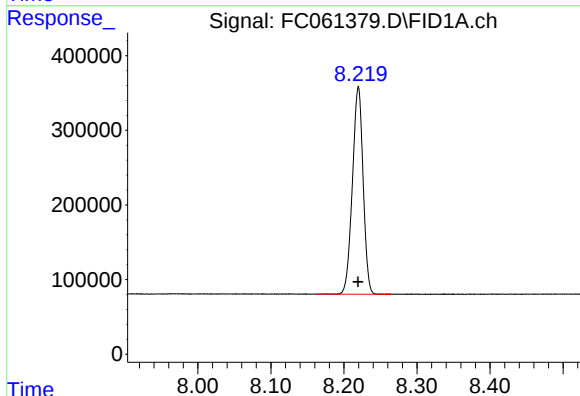
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3174442
Conc: 18.03 ug/ml

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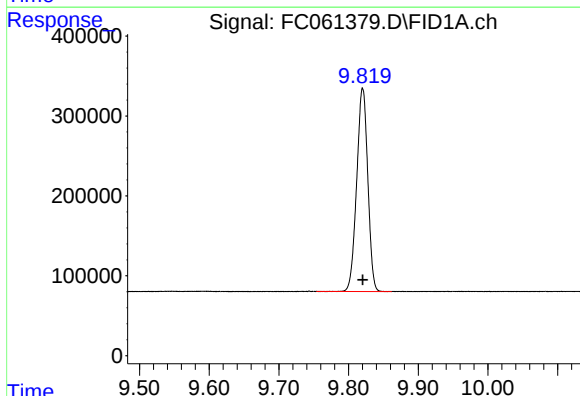
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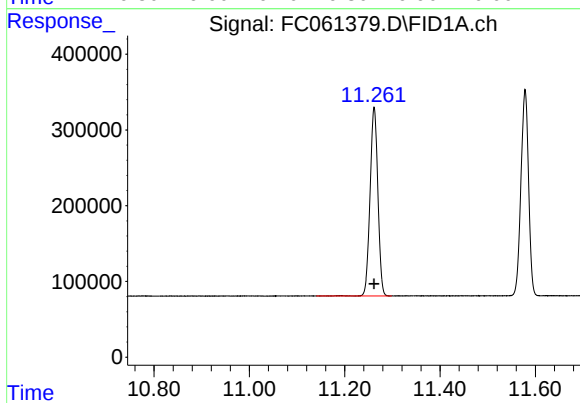
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 2826509
Conc: 18.07 ug/ml



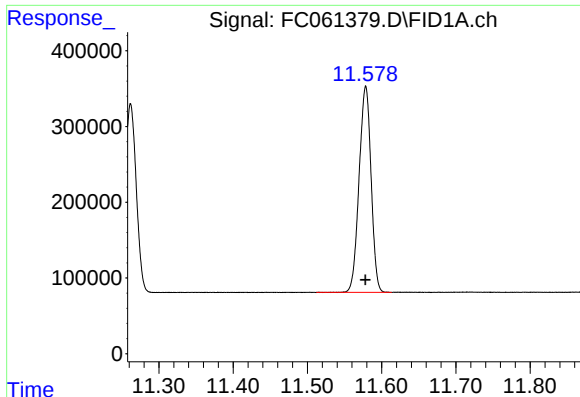
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 2814813
Conc: 17.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: 0.000 min
Response: 2812374
Conc: 17.83 ug/ml



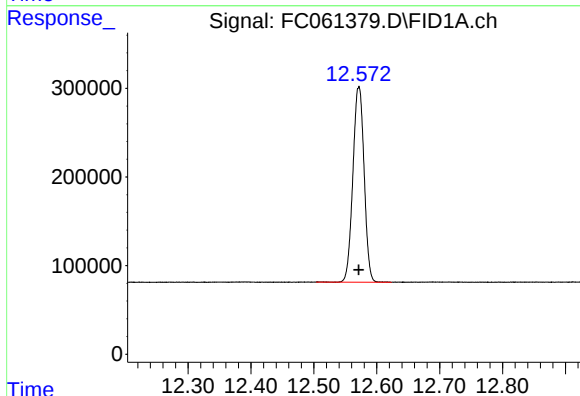
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 3048382
Conc: 17.22 ug/ml

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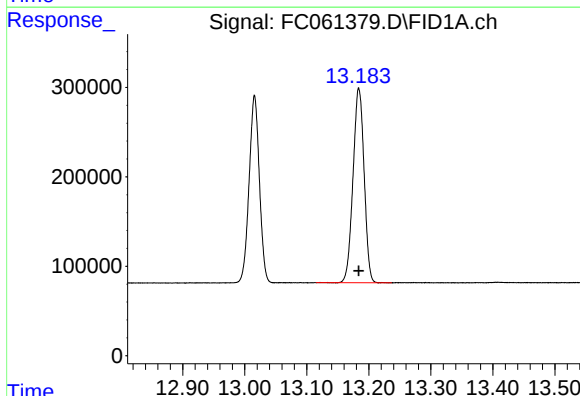
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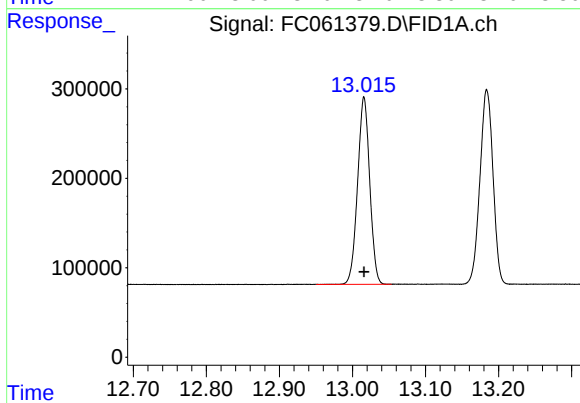
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 2735400
Conc: 17.60 ug/ml



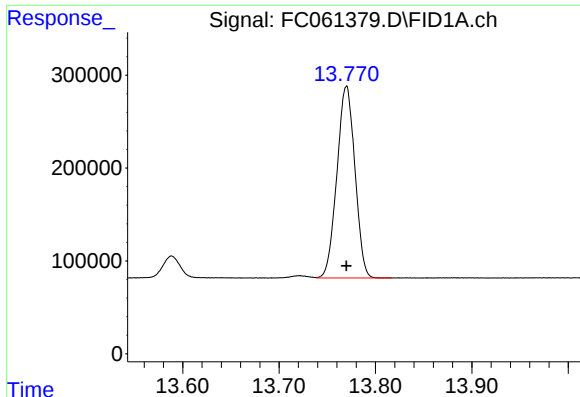
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2701847
Conc: 17.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.000 min
Response: 2414648
Conc: 17.24 ug/ml



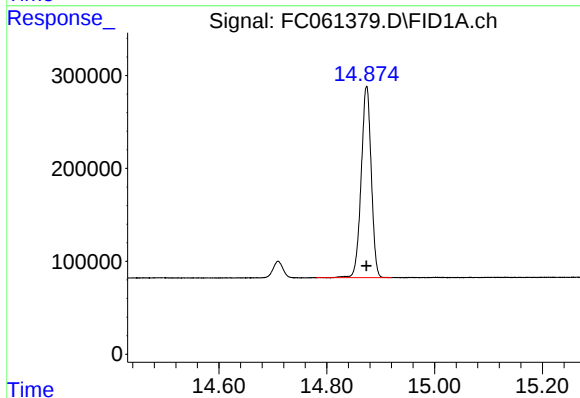
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 2680402
Conc: 17.27 ug/ml

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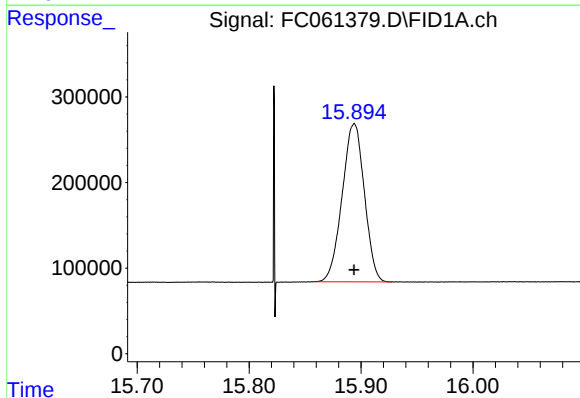
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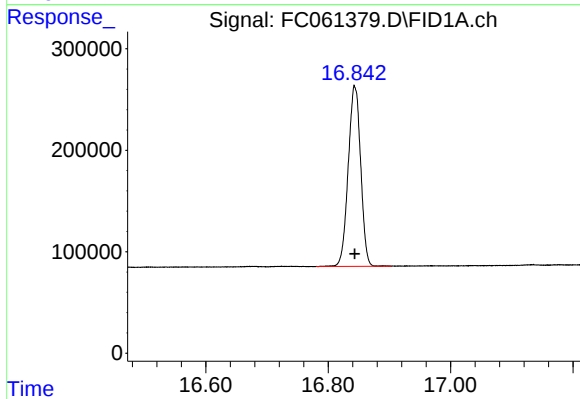
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 2664781
Conc: 17.23 ug/ml



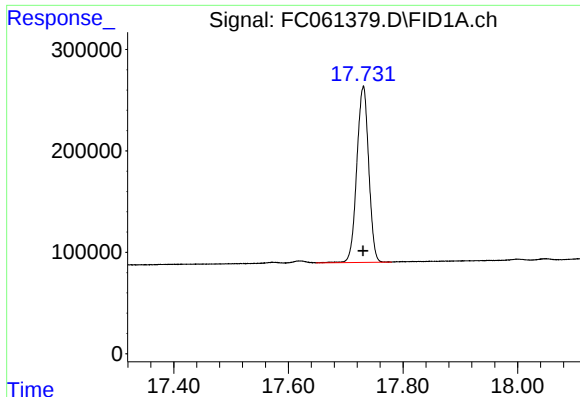
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.000 min
Response: 2546468
Conc: 16.92 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 2513346
Conc: 17.02 ug/ml



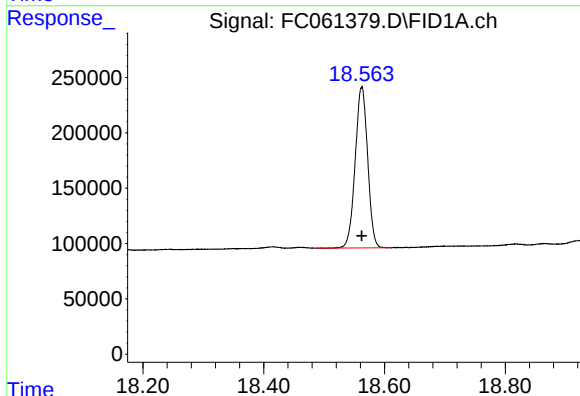
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.000 min
Response: 2492657
Conc: 18.05 ug/ml

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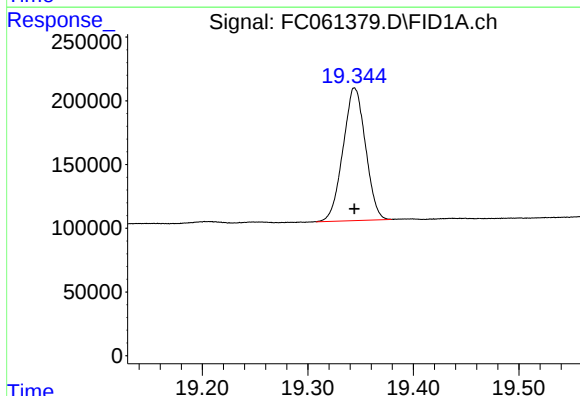
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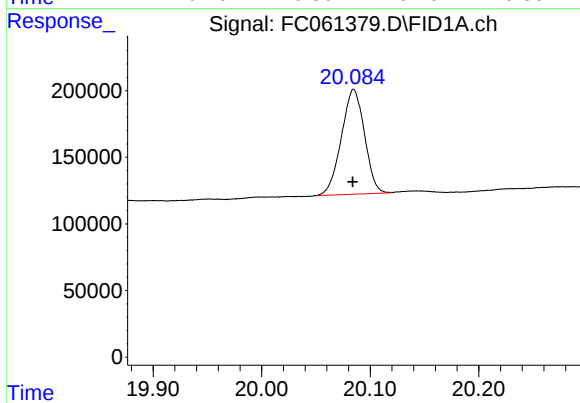
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.000 min
Response: 2081956
Conc: 18.97 ug/ml



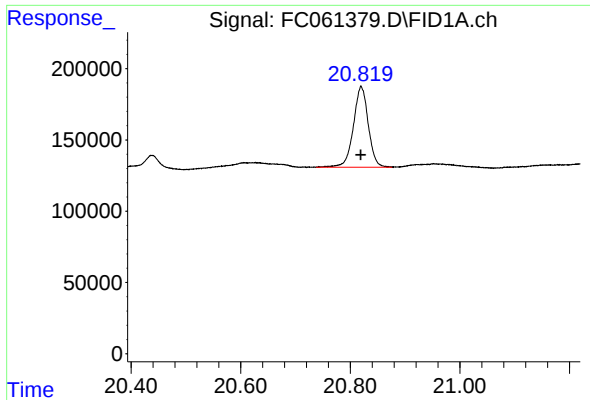
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: 0.000 min
Response: 1538500
Conc: 19.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.000 min
Response: 1164770
Conc: 20.63 ug/ml m



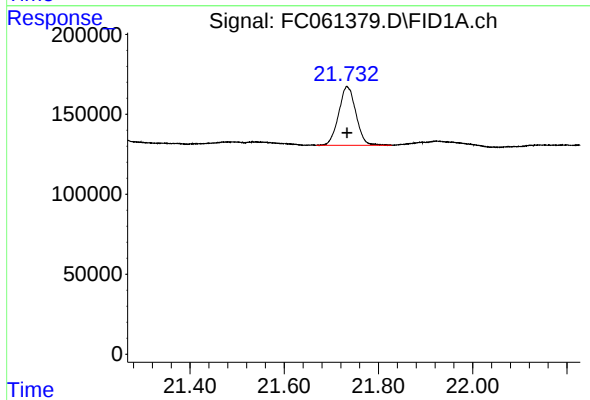
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.000 min
Response: 1067493
Conc: 23.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: 0.000 min
Response: 929524
Conc: 22.16 ug/ml