

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091422AL\
 Data File : FC061511.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2022 15:46
 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 04:20:27 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)	11.573	3101330	17.519 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
12) S 1-chlorooctadecane (S...	13.011	2441989	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.327	2944747	19.477 ug/ml
2) T n-Decane (C10)	4.396	2953742	19.466 ug/ml
3) T A~Naphthalene (C11.7)	5.981	3312245	19.135 ug/ml
4) T n-Dodecane (C12)	6.415	2977866	19.228 ug/ml
5) T A~2-methylnaphthalene...	7.038	3327942	18.900 ug/ml
6) T n-Tetradecane (C14)	8.212	2953657	18.883 ug/ml
7) T n-Hexadecane (C16)	9.815	2924134	18.669 ug/ml
8) T n-Octadecane (C18)	11.258	2891262	18.326 ug/ml
10) T n-Eicosane (C20)	12.567	2770623	17.822 ug/ml
11) T n-Heneicosane (C21)	13.179	2741431	17.526 ug/ml
13) T n-Docosane (C22)	13.765	2681008	17.277 ug/ml
14) T n-Tetracosane (C24)	14.869	2598193	16.795 ug/ml
15) T n-Hexacosane (C26)	15.889	2498034	16.598 ug/ml
16) T n-Octacosane (C28)	16.839	2445765	16.558 ug/ml
17) T n-Tricontane (C30)	17.727	2351252	17.023 ug/ml
18) T n-Dotriacontane (C32)	18.559	2005040	18.267 ug/ml
19) T n-Tetratriacontane (C34)	19.342	1446983	18.746 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1114155	19.734 ug/mlm
21) T n-Octatriacontane (C38)	20.814	1062520	22.903 ug/mlm
22) T n-Tetracontane (C40)	21.725	945793	22.549 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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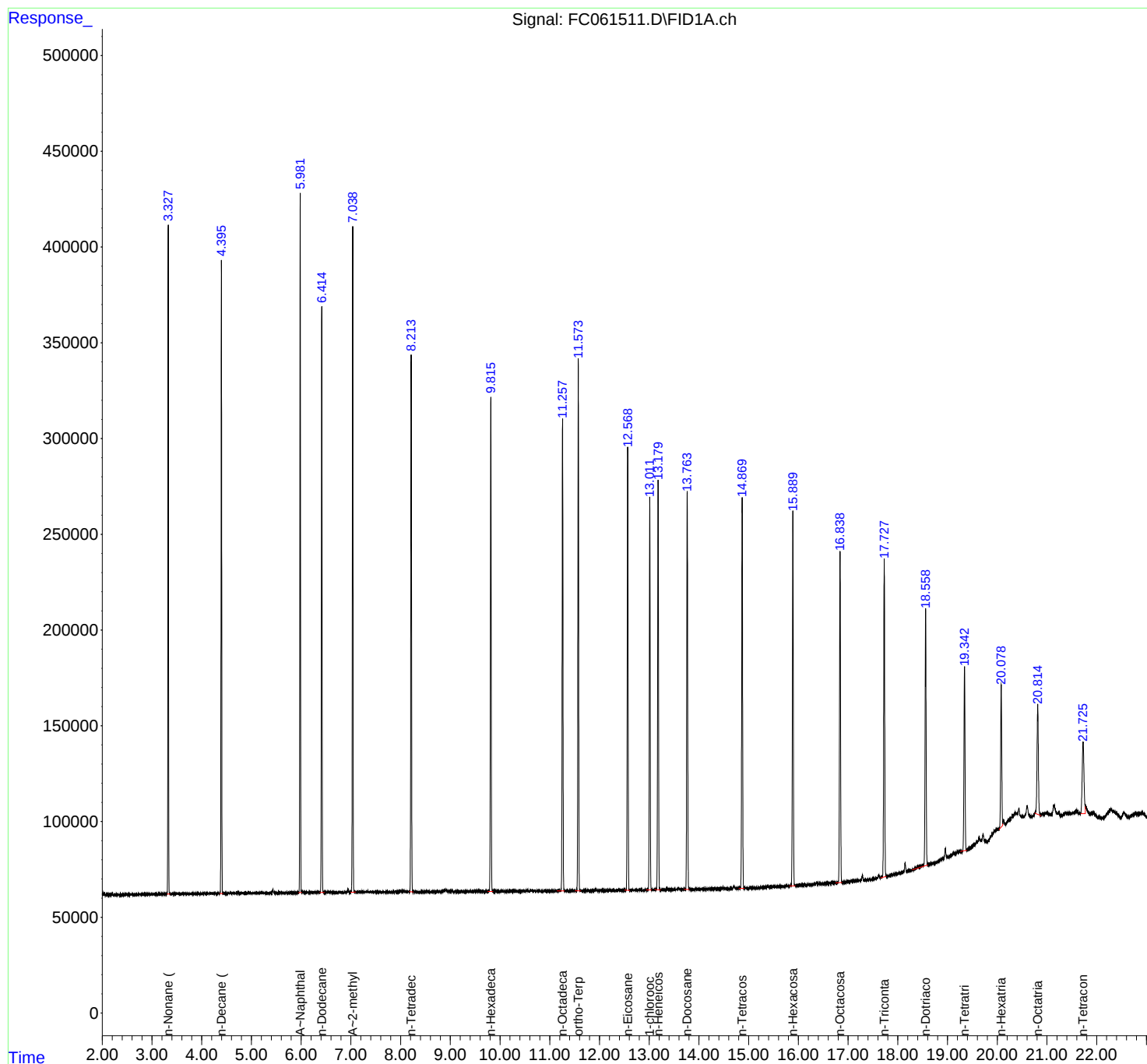
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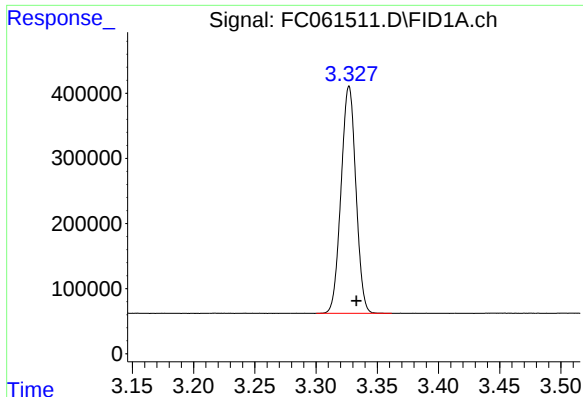
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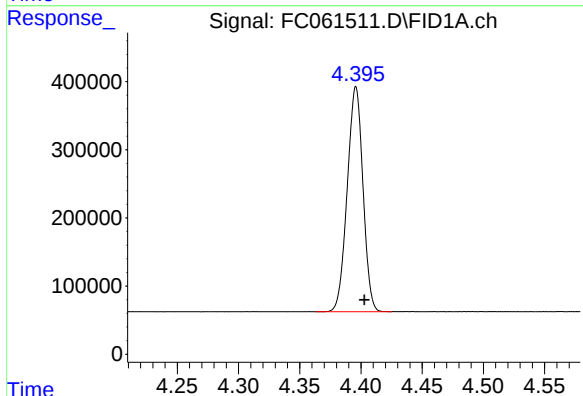
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.006 min
Response: 2944747
Conc: 19.48 ug/ml

Instrument : FID_C
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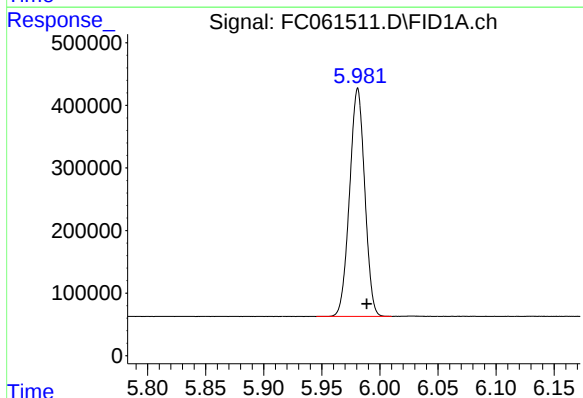
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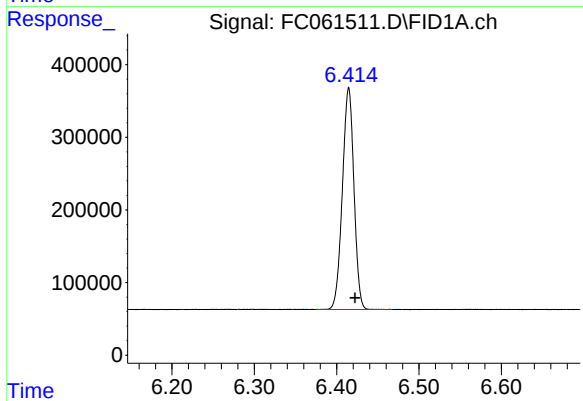
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.007 min
Response: 2953742
Conc: 19.47 ug/ml



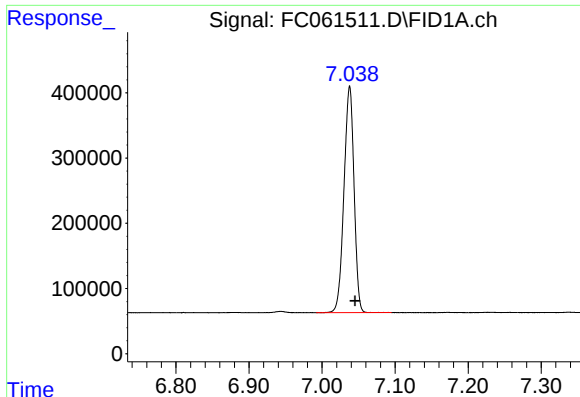
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.008 min
Response: 3312245
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 2977866
Conc: 19.23 ug/ml



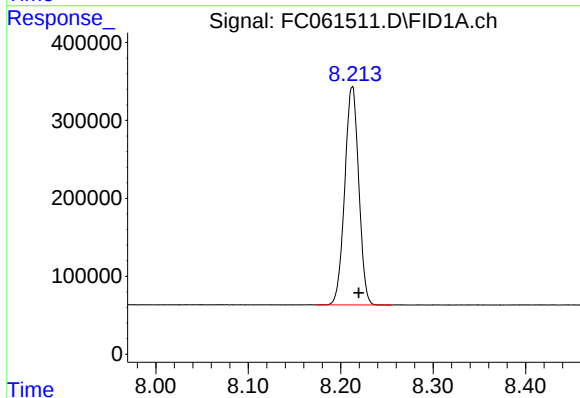
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.008 min
Response: 3327942
Conc: 18.90 ug/ml

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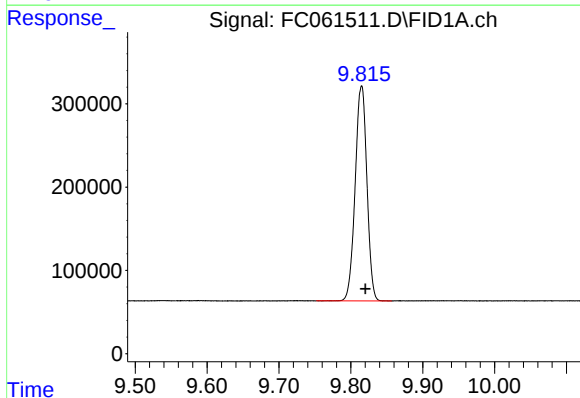
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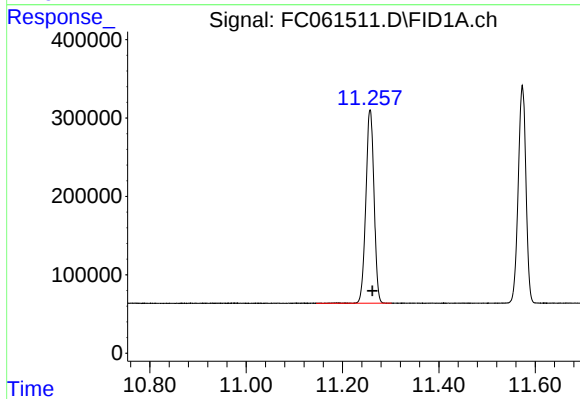
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.007 min
Response: 2953657
Conc: 18.88 ug/ml



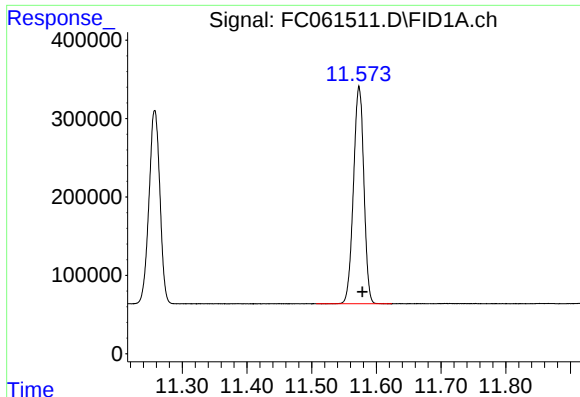
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.005 min
Response: 2924134
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.004 min
Response: 2891262
Conc: 18.33 ug/ml



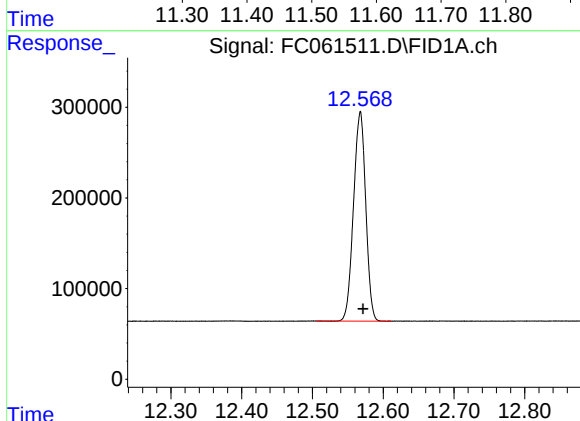
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.005 min
Response: 3101330
Conc: 17.52 ug/ml

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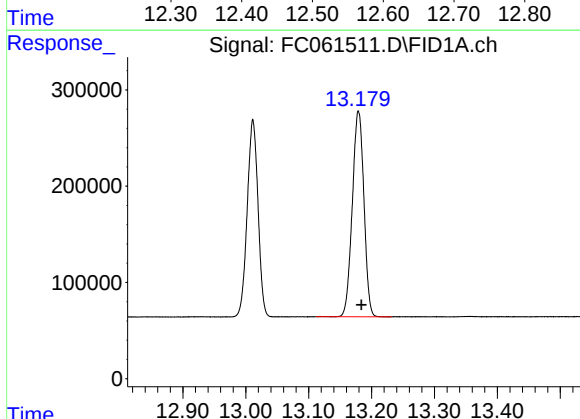
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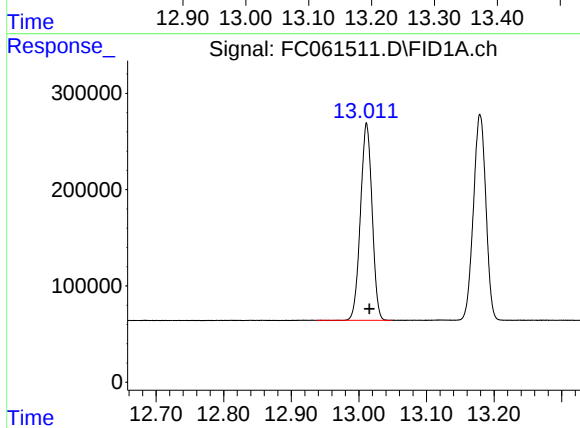
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2770623
Conc: 17.82 ug/ml



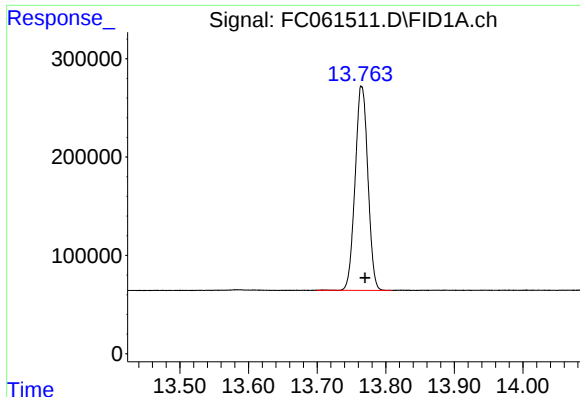
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.005 min
Response: 2741431
Conc: 17.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.004 min
Response: 2441989
Conc: 17.44 ug/ml



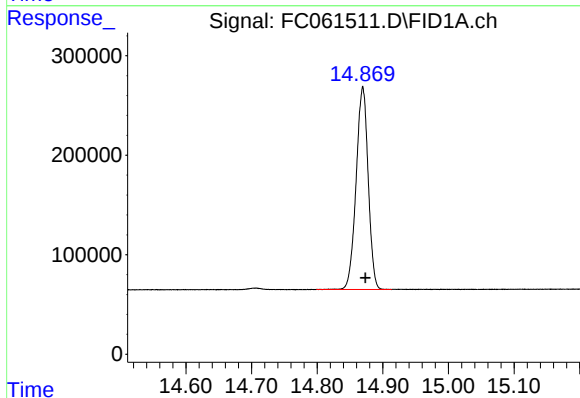
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.005 min
Response: 2681008
Conc: 17.28 ug/ml

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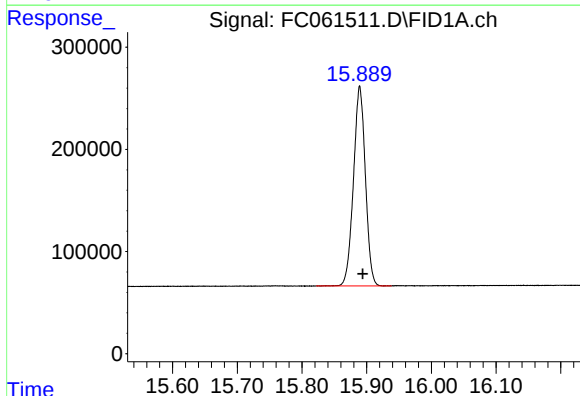
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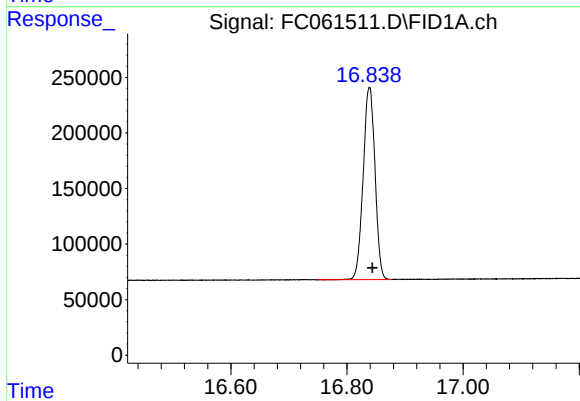
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.005 min
Response: 2598193
Conc: 16.79 ug/ml



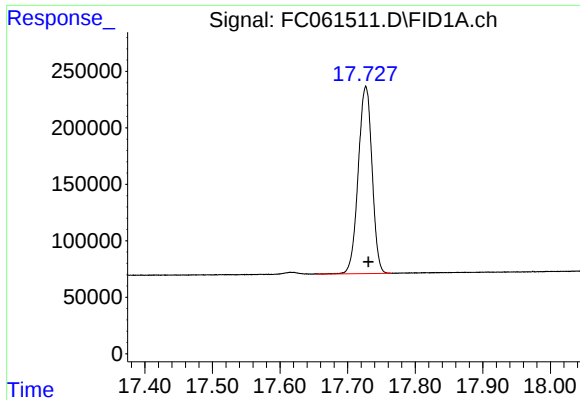
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.004 min
Response: 2498034
Conc: 16.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.005 min
Response: 2445765
Conc: 16.56 ug/ml



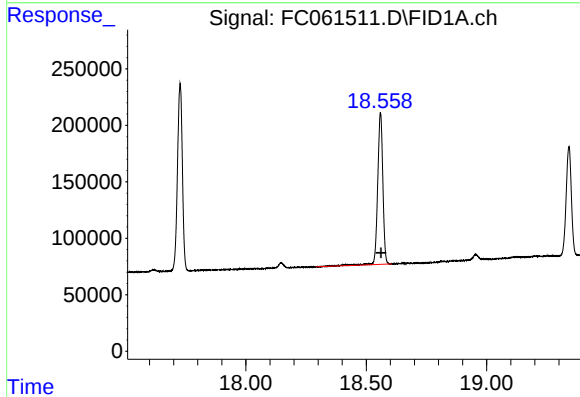
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: -0.004 min
Response: 2351252
Conc: 17.02 ug/ml

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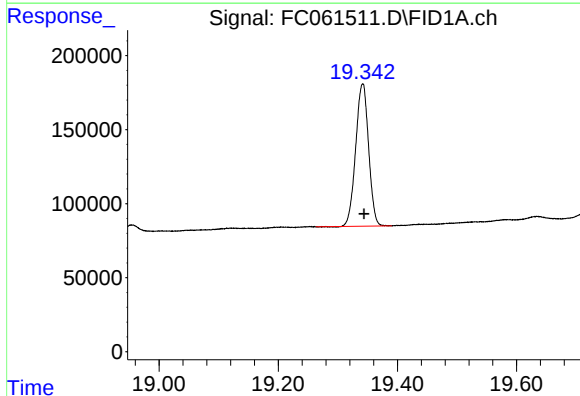
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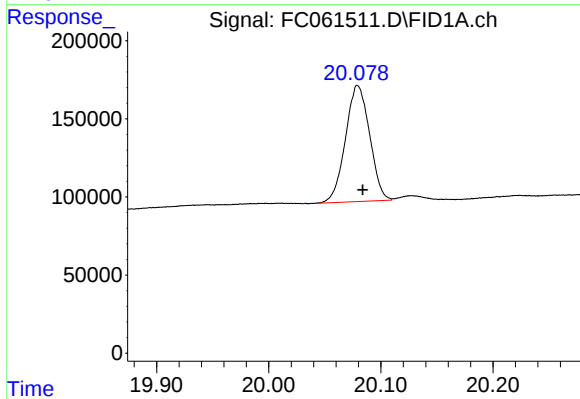
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.003 min
Response: 2005040
Conc: 18.27 ug/ml



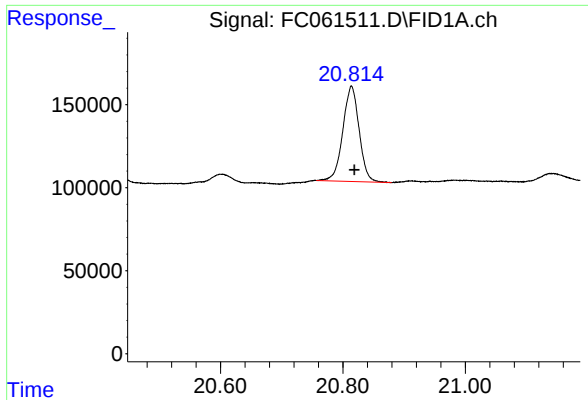
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: -0.003 min
Response: 1446983
Conc: 18.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.006 min
Response: 1114155
Conc: 19.73 ug/ml m



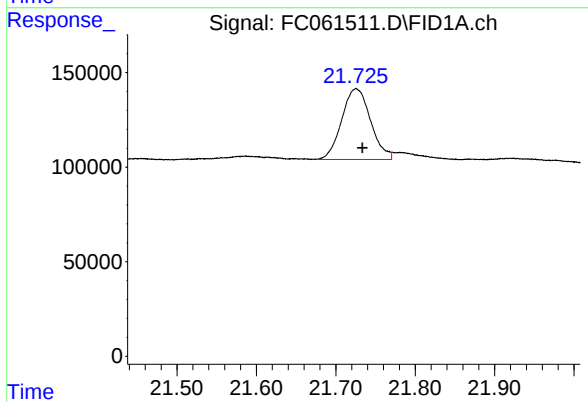
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.005 min
Response: 1062520
Conc: 22.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.008 min
Response: 945793
Conc: 22.55 ug/ml m