

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090222AL\
 Data File : FC061422.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2022 11:04
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 01:17:55 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)	11.580	2908474	16.429 ug/ml
Spiked Amount 50.000		Recovery =	32.86%
12) S 1-chlorooctadecane (S...	13.016	2288616	16.341 ug/ml
Spiked Amount 50.000		Recovery =	32.68%
Target Compounds			
1) T n-Nonane (C9)	3.336	2736248	18.098 ug/ml
2) T n-Decane (C10)	4.404	2771870	18.267 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3104071	17.932 ug/ml
4) T n-Dodecane (C12)	6.421	2775906	17.924 ug/ml
5) T A~2-methylnaphthalene...	7.045	3110832	17.667 ug/ml
6) T n-Tetradecane (C14)	8.219	2754827	17.612 ug/ml
7) T n-Hexadecane (C16)	9.820	2715273	17.335 ug/ml
8) T n-Octadecane (C18)	11.263	2696136	17.089 ug/ml
10) T n-Eicosane (C20)	12.572	2595350	16.695 ug/ml
11) T n-Heneicosane (C21)	13.184	2554670	16.332 ug/ml
13) T n-Docosane (C22)	13.770	2534340	16.332 ug/ml
14) T n-Tetracosane (C24)	14.872	2493288	16.117 ug/ml
15) T n-Hexacosane (C26)	15.893	2405186	15.981 ug/ml
16) T n-Octacosane (C28)	16.843	2470396	16.725 ug/ml
17) T n-Tricontane (C30)	17.730	2502738	18.120 ug/ml
18) T n-Dotriacontane (C32)	18.560	2146266	19.553 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1609914	20.857 ug/mlm
20) T n-Hexatriacontane (C36)	20.081	1240067	21.964 ug/mlm
21) T n-Octatriacontane (C38)	20.816	1027361	22.146 ug/mlm
22) T n-Tetracontane (C40)	21.731	915463	21.826 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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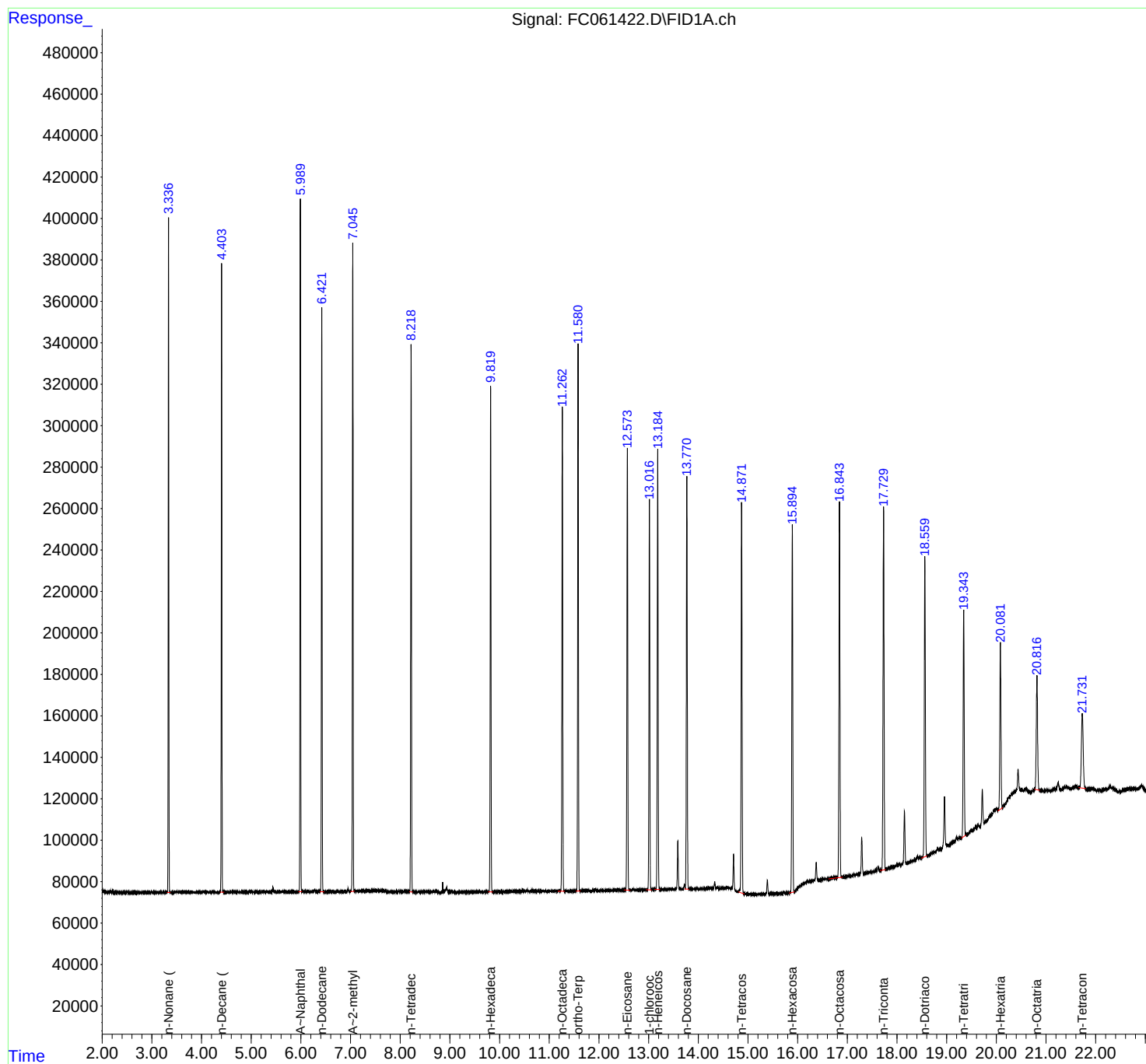
Instrument :
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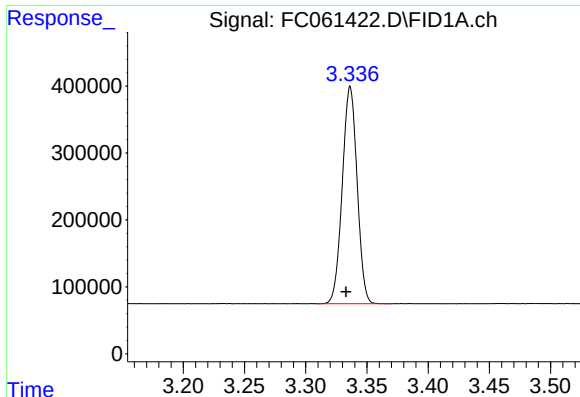
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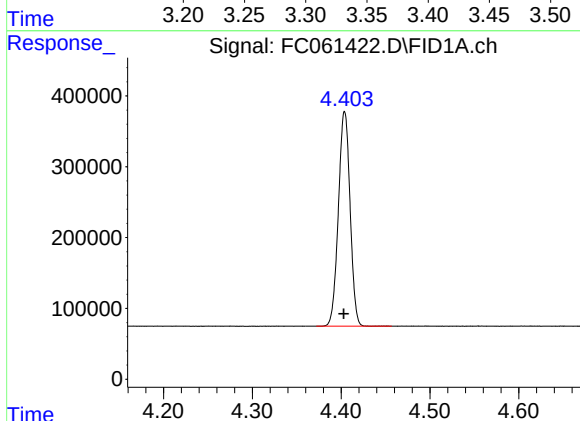
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.003 min
Response: 2736248
Conc: 18.10 ug/ml

Instrument :
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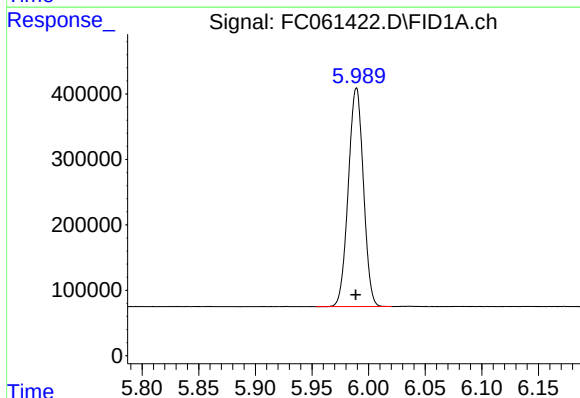
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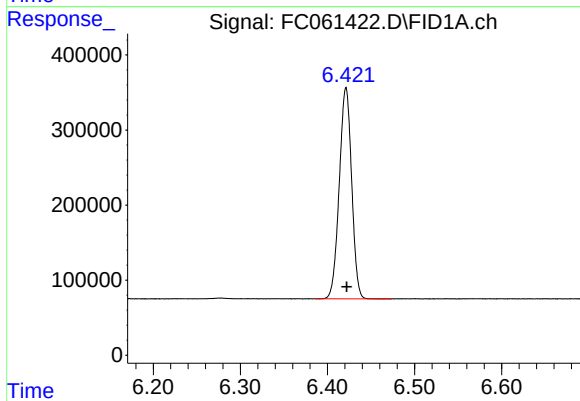
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: 0.001 min
Response: 2771870
Conc: 18.27 ug/ml



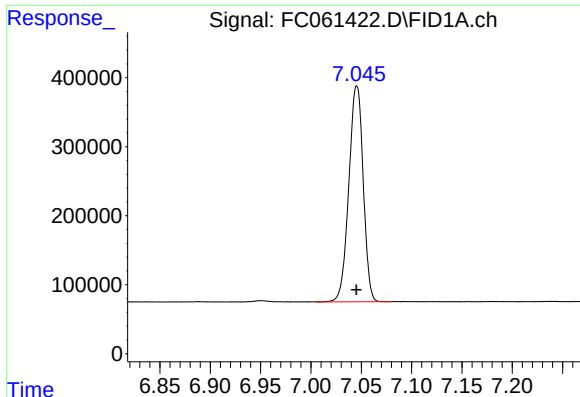
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 3104071
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 2775906
Conc: 17.92 ug/ml



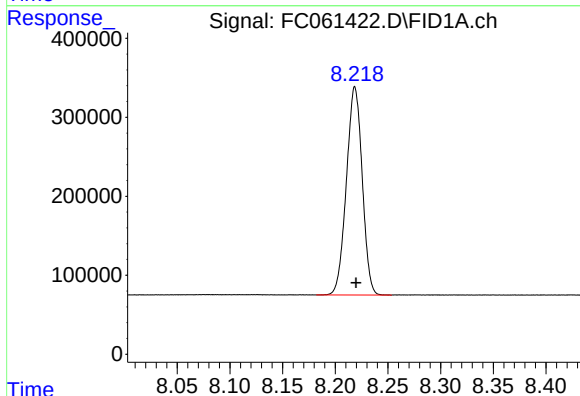
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 3110832
Conc: 17.67 ug/ml

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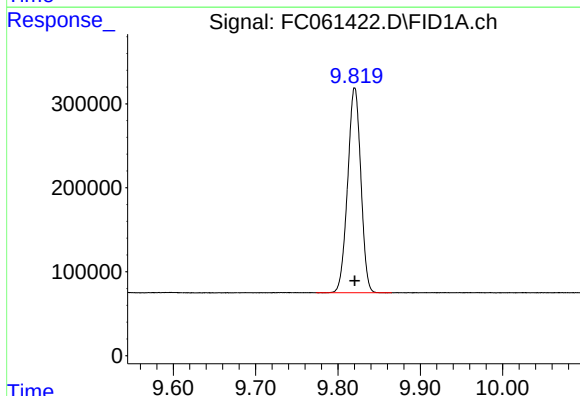
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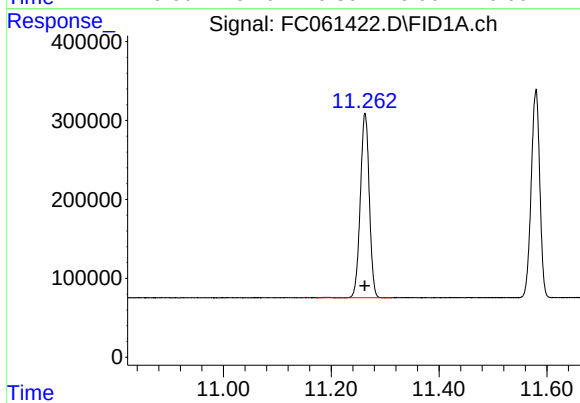
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 2754827
Conc: 17.61 ug/ml



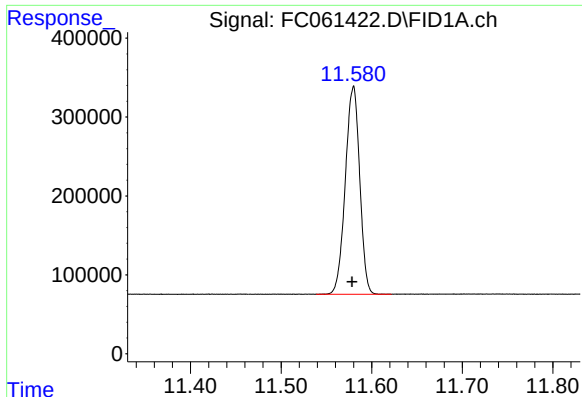
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 2715273
Conc: 17.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2696136
Conc: 17.09 ug/ml



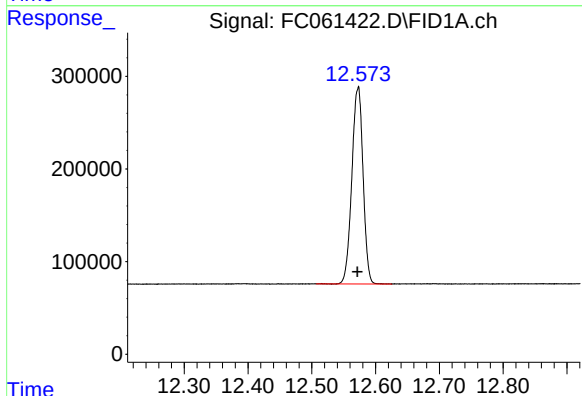
#9 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.001 min
Response: 2908474
Conc: 16.43 ug/ml

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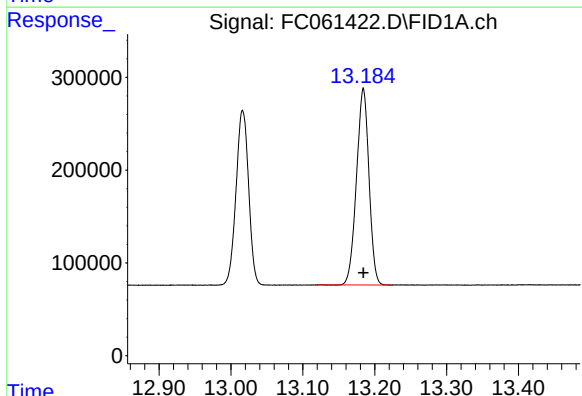
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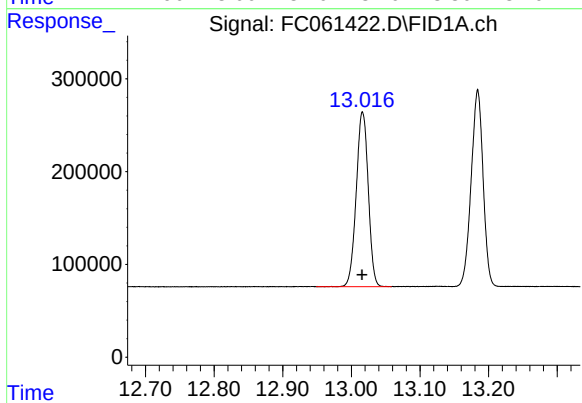
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2595350
Conc: 16.69 ug/ml



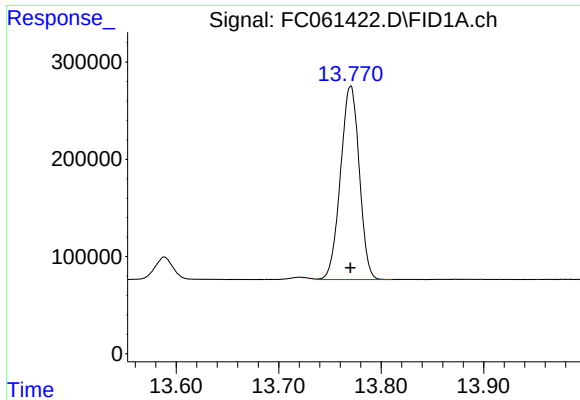
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2554670
Conc: 16.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.000 min
Response: 2288616
Conc: 16.34 ug/ml



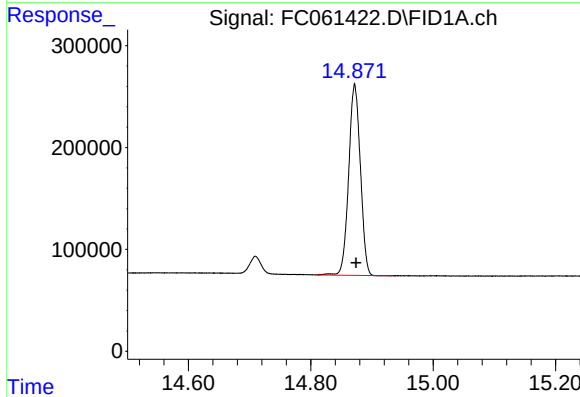
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 2534340
Conc: 16.33 ug/ml

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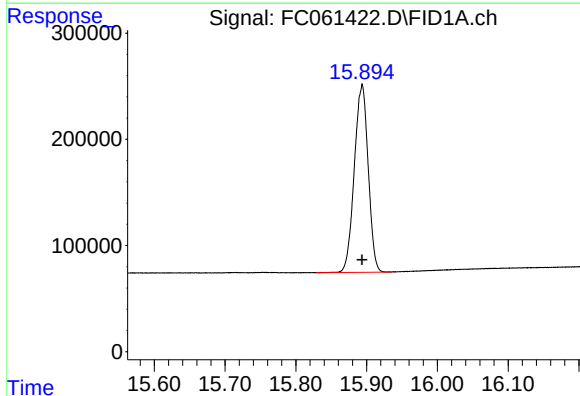
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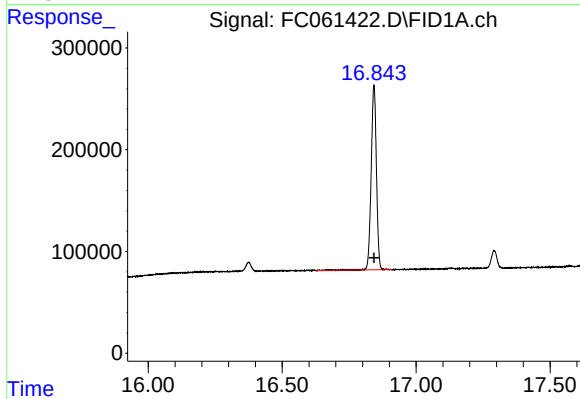
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.002 min
Response: 2493288
Conc: 16.12 ug/ml



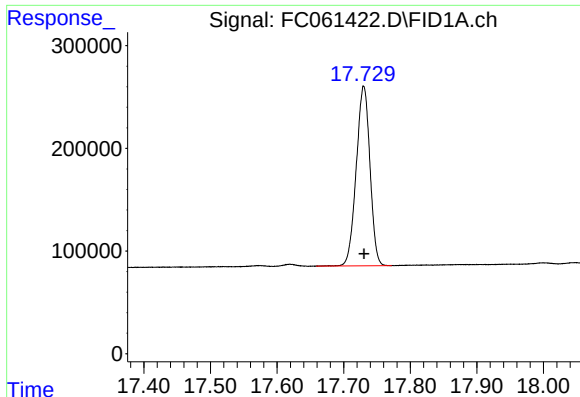
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 2405186
Conc: 15.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 2470396
Conc: 16.73 ug/ml



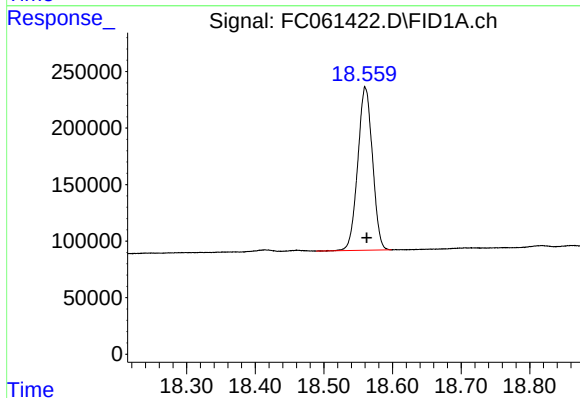
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.000 min
Response: 2502738
Conc: 18.12 ug/ml

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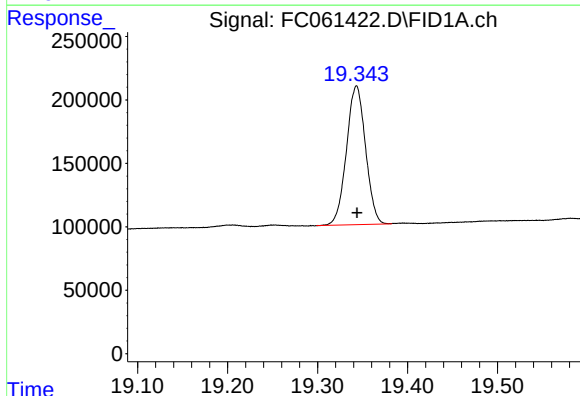
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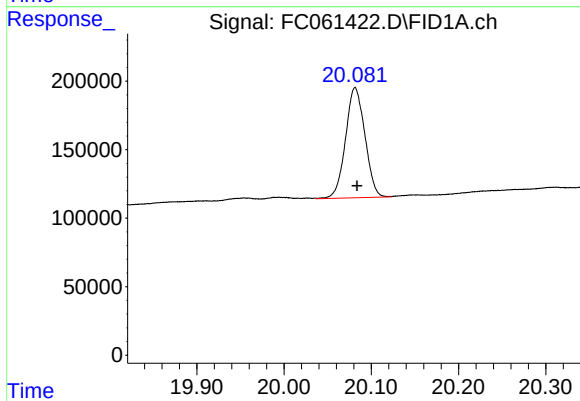
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.002 min
Response: 2146266
Conc: 19.55 ug/ml



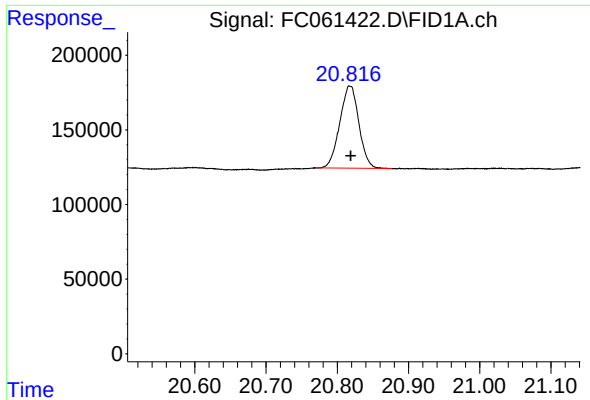
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.000 min
Response: 1609914
Conc: 20.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.003 min
Response: 1240067
Conc: 21.96 ug/ml m



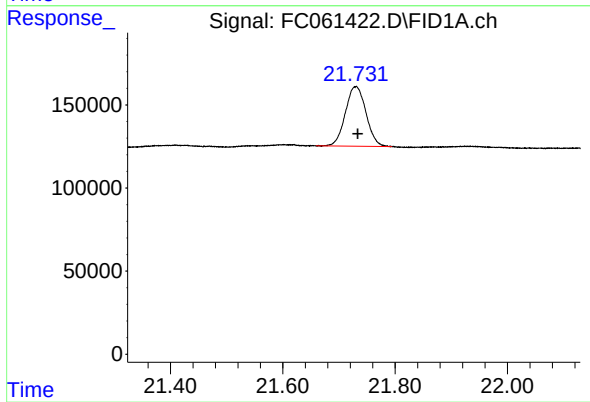
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.003 min
Response: 1027361
Conc: 22.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: -0.003 min
Response: 915463
Conc: 21.83 ug/ml m