

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
 Data File : FC062413.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2022 13:29
 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 12/14/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e
 Quant Time: Dec 13 16:38:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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	2813327	19.944 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	13.012	2118281	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.322	2535131	19.711 ug/ml
2) T n-Decane (C10)	4.390	2492753	20.038 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2868634	20.216 ug/ml
4) T n-Dodecane (C12)	6.415	2494459	19.915 ug/ml
5) T A~2-methylnaphthalene...	7.038	2694724	20.958 ug/ml
6) T n-Tetradecane (C14)	8.212	2519097	20.685 ug/ml
7) T n-Hexadecane (C16)	9.816	2565096	20.436 ug/ml
8) T n-Octadecane (C18)	11.259	2567046	20.094 ug/ml
10) T n-Eicosane (C20)	12.568	2480911	19.944 ug/ml
11) T n-Heneicosane (C21)	13.180	2472150	20.005 ug/ml
13) T n-Docosane (C22)	13.767	2458729	20.241 ug/ml
14) T n-Tetracosane (C24)	14.869	2467794	20.588 ug/ml
15) T n-Hexacosane (C26)	15.889	2436669	20.976 ug/ml
16) T n-Octacosane (C28)	16.838	2452067	21.575 ug/ml
17) T n-Tricontane (C30)	17.723	2522477	22.562 ug/ml
18) T n-Dotriacontane (C32)	18.556	2650599	23.854 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2537857	23.459 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2217352	21.841 ug/mlm
21) T n-Octatriacontane (C38)	20.813	2177326	21.282 ug/mlm
22) T n-Tetracontane (C40)	21.729	1999278	19.727 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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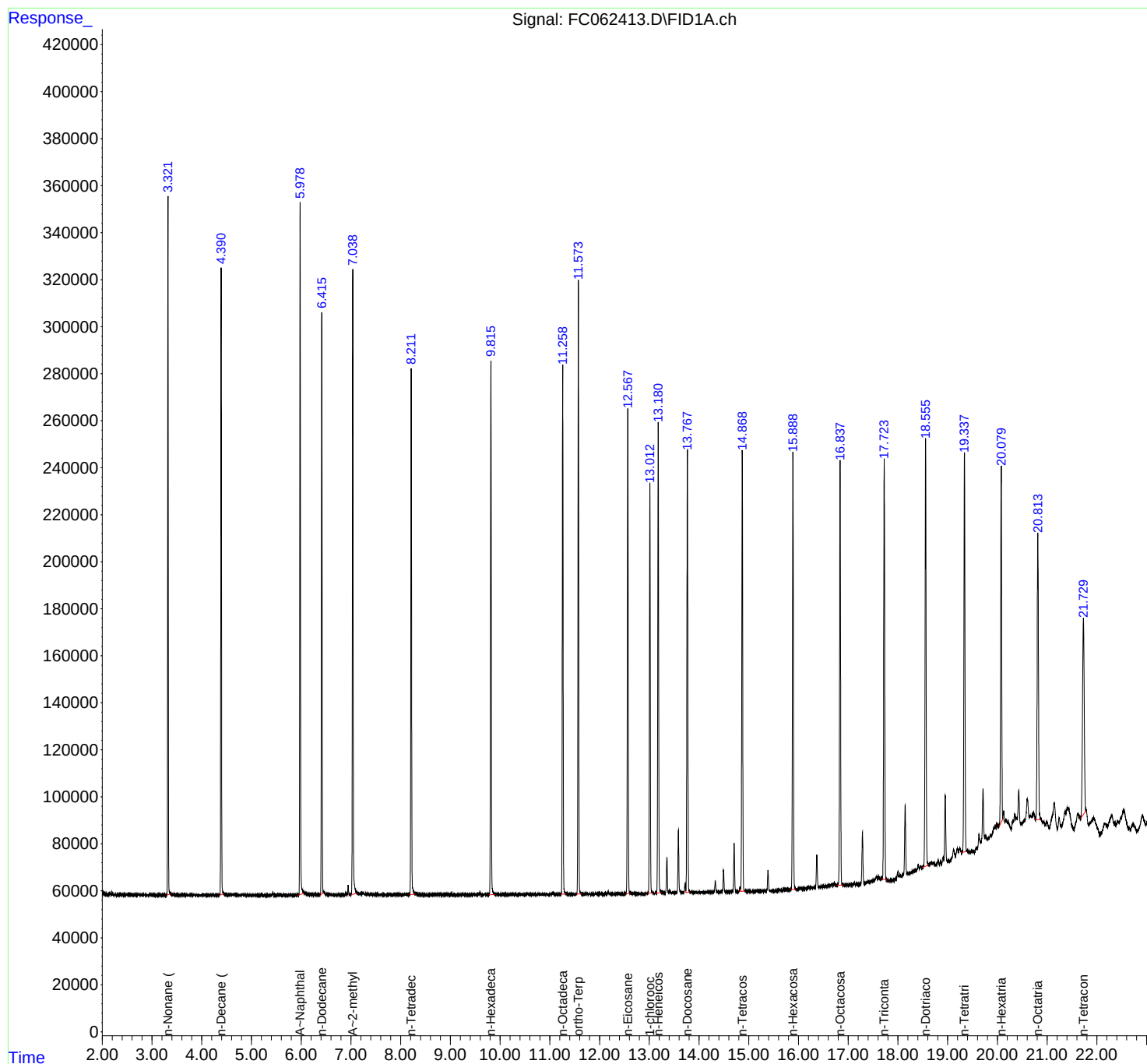
Instrument :
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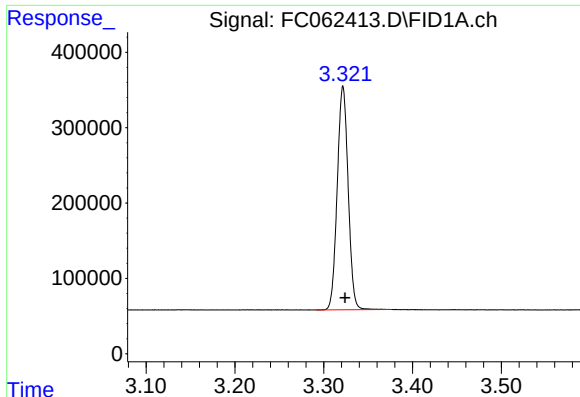
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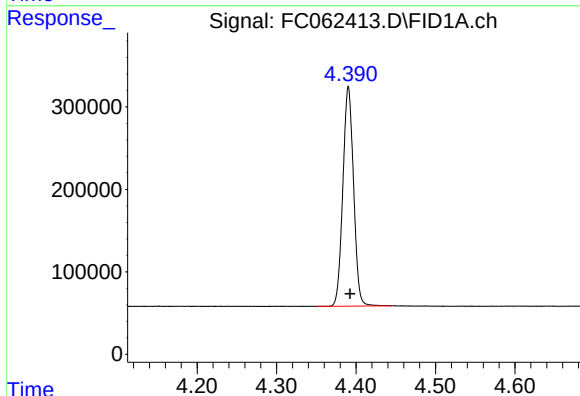
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2535131
Conc: 19.71 ug/ml

Instrument :
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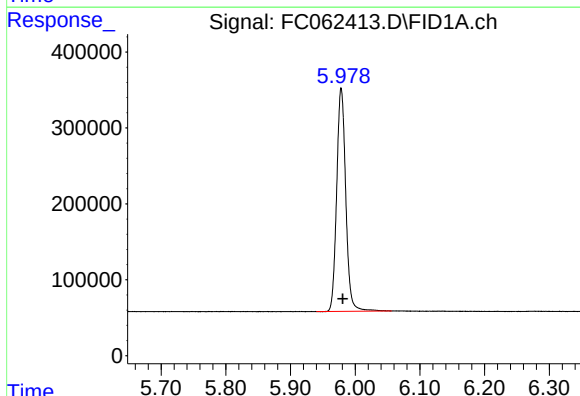
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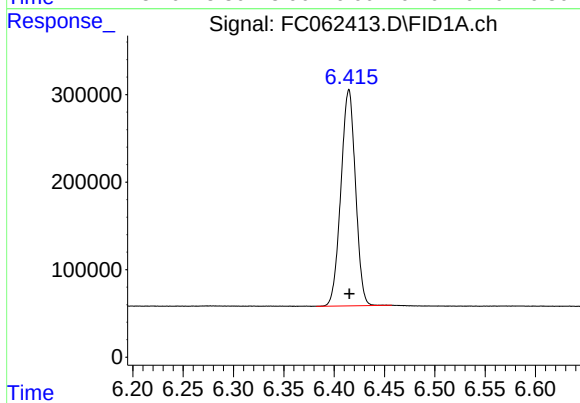
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.002 min
Response: 2492753
Conc: 20.04 ug/ml



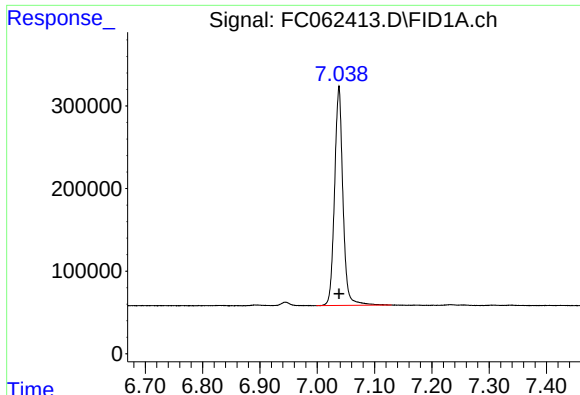
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 2868634
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2494459
Conc: 19.91 ug/ml



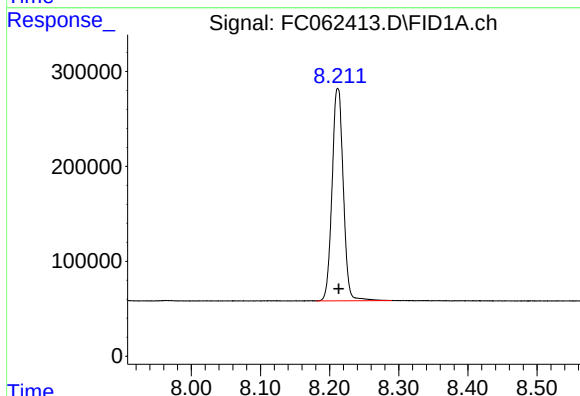
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 2694724
Conc: 20.96 ug/ml

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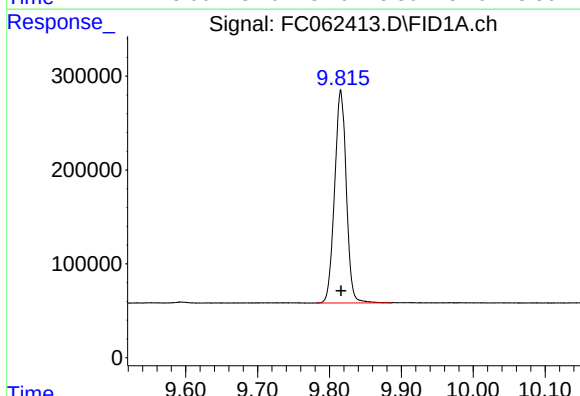
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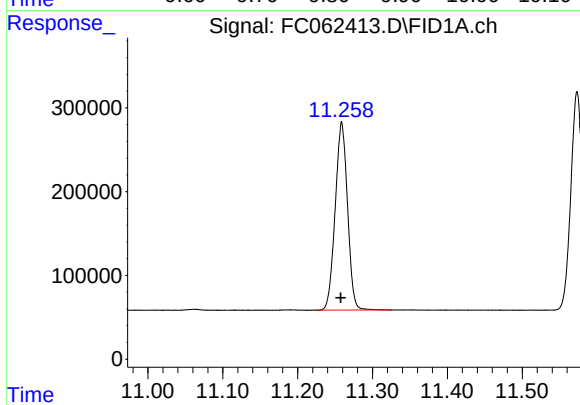
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 2519097
Conc: 20.68 ug/ml



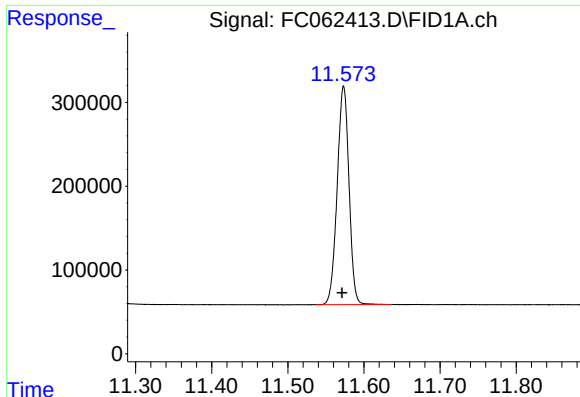
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 2565096
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: 0.001 min
Response: 2567046
Conc: 20.09 ug/ml



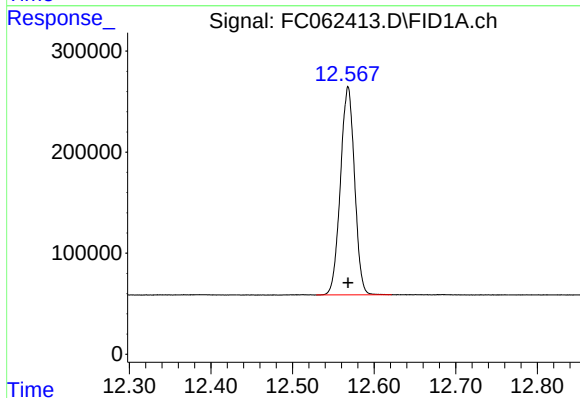
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.002 min
Response: 2813327
Conc: 19.94 ug/ml

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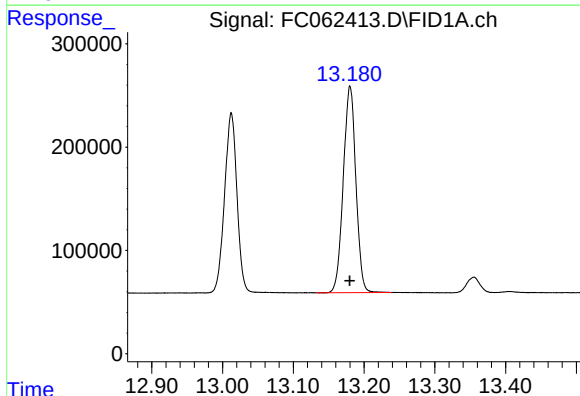
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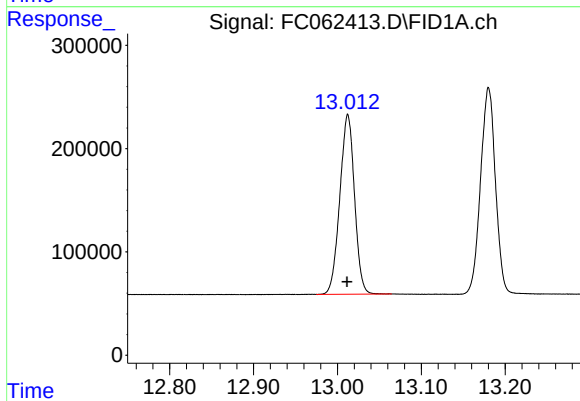
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2480911
Conc: 19.94 ug/ml



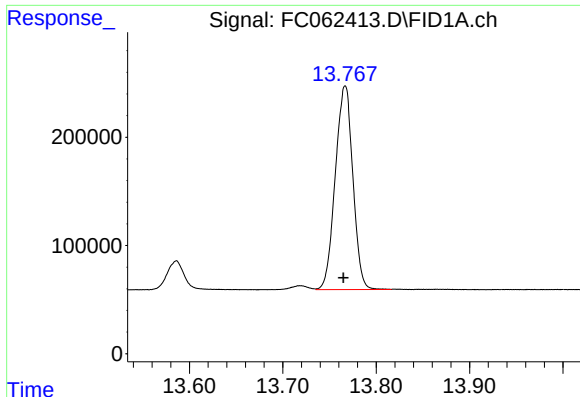
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2472150
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2118281
Conc: 19.87 ug/ml



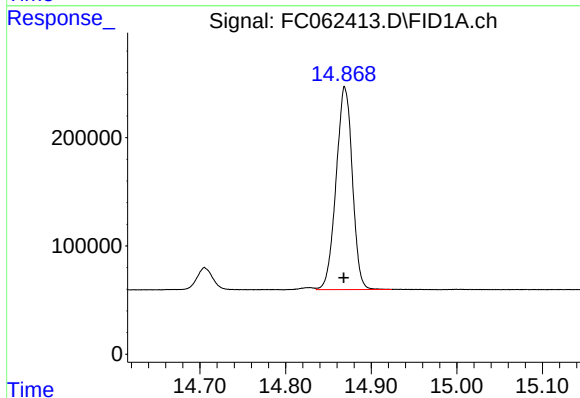
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: 0.002 min
Response: 2458729
Conc: 20.24 ug/ml

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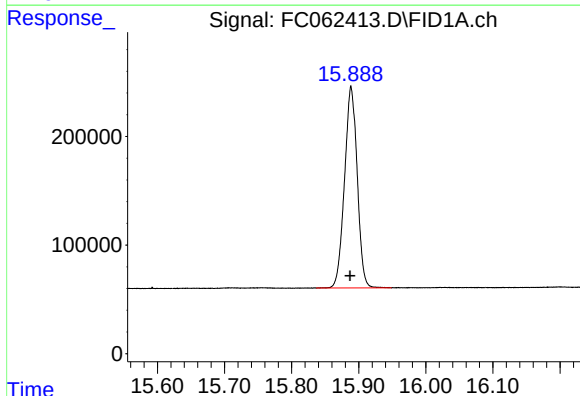
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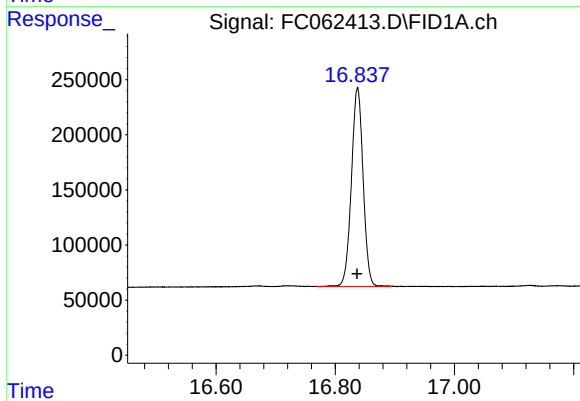
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.001 min
Response: 2467794
Conc: 20.59 ug/ml



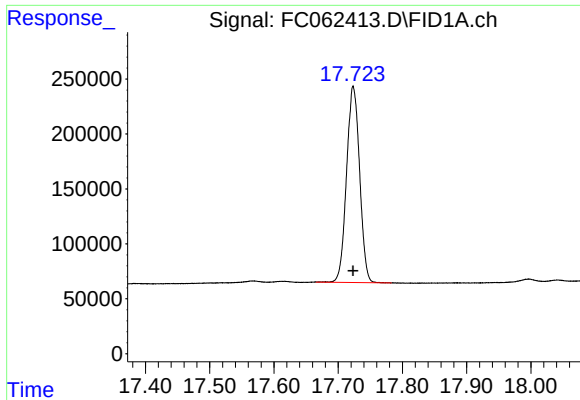
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 2436669
Conc: 20.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.838 min
Delta R.T.: 0.001 min
Response: 2452067
Conc: 21.57 ug/ml



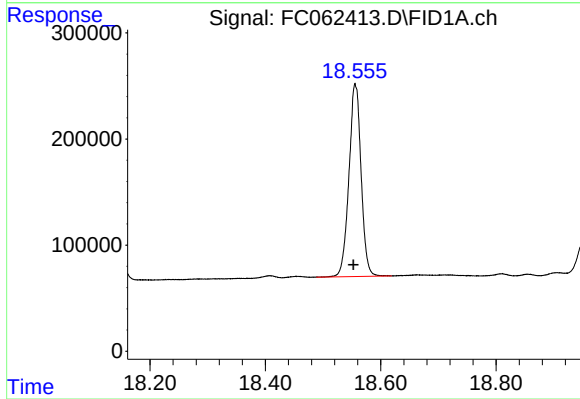
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 2522477
Conc: 22.56 ug/ml

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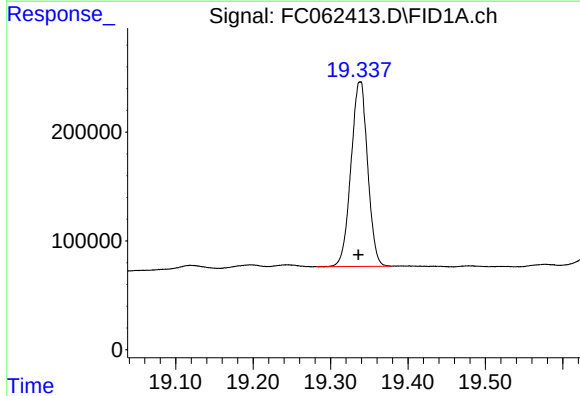
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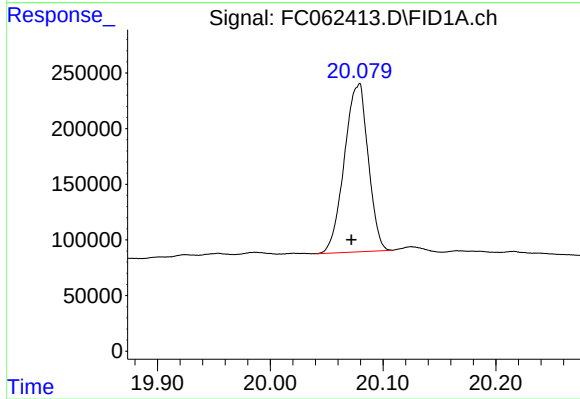
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.003 min
Response: 2650599
Conc: 23.85 ug/ml



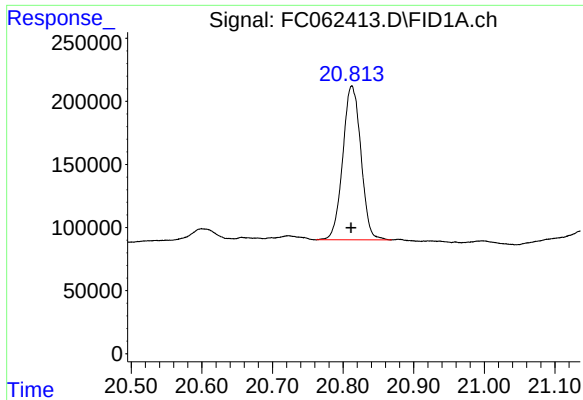
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.002 min
Response: 2537857
Conc: 23.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.007 min
Response: 2217352
Conc: 21.84 ug/ml m



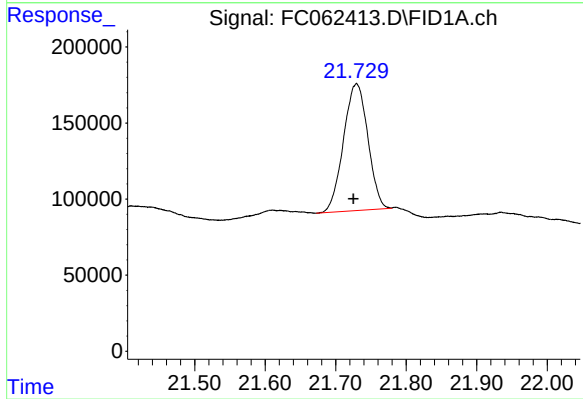
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.001 min
Response: 2177326
Conc: 21.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: 0.004 min
Response: 1999278
Conc: 19.73 ug/ml m