

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111822AL\
 Data File : FC062211.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2022 01:56
 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 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File: autoint1.e
 Quant Time: Nov 20 11:25:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 15 01:21:38 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)	11.605	2589300	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.043	1968983	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.353	2646000	19.011 ug/ml
2) T n-Decane (C10)	4.423	2593633	19.170 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2787701	19.028 ug/ml
4) T n-Dodecane (C12)	6.446	2557074	19.141 ug/ml
5) T A~2-methylnaphthalene...	7.073	2565240	19.129 ug/ml
6) T n-Tetradecane (C14)	8.244	2504735	19.187 ug/ml
7) T n-Hexadecane (C16)	9.846	2493721	19.234 ug/ml
8) T n-Octadecane (C18)	11.288	2442586	19.129 ug/ml
10) T n-Eicosane (C20)	12.599	2325264	19.129 ug/ml
11) T n-Heneicosane (C21)	13.210	2303521	19.113 ug/ml
13) T n-Docosane (C22)	13.797	2269214	19.250 ug/ml
14) T n-Tetracosane (C24)	14.900	2238833	19.457 ug/ml
15) T n-Hexacosane (C26)	15.921	2213598	19.867 ug/ml
16) T n-Octacosane (C28)	16.871	2228979	20.329 ug/ml
17) T n-Tricontane (C30)	17.759	2297438	20.979 ug/ml
18) T n-Dotriacontane (C32)	18.592	2348876	21.267 ug/ml
19) T n-Tetratriacontane (C34)	19.374	2272237	20.782 ug/ml
20) T n-Hexatriacontane (C36)	20.114	2202775	21.018 ug/ml
21) T n-Octatriacontane (C38)	20.860	2126671	20.548 ug/mlm
22) T n-Tetracontane (C40)	21.786	1922413	18.727 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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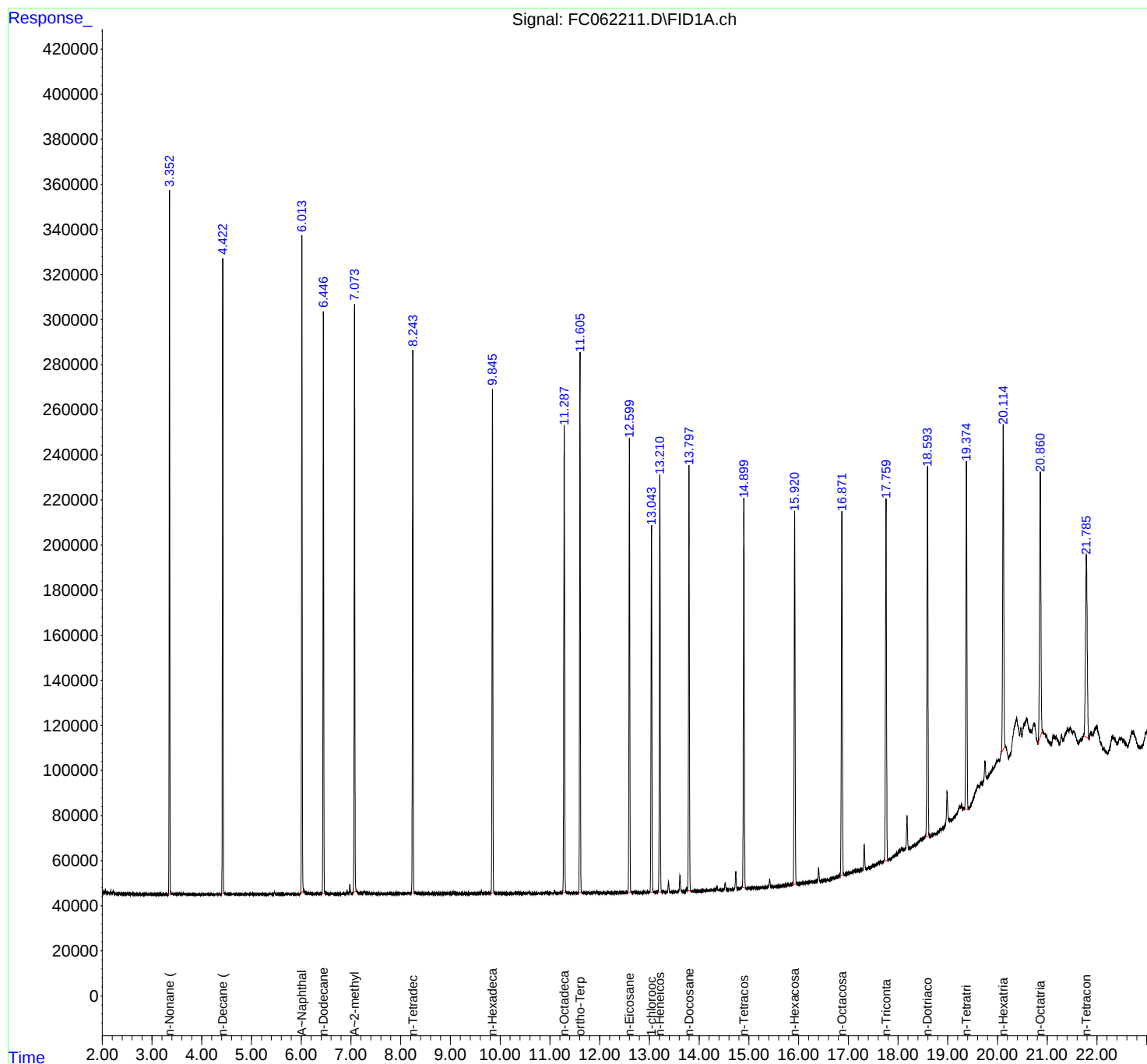
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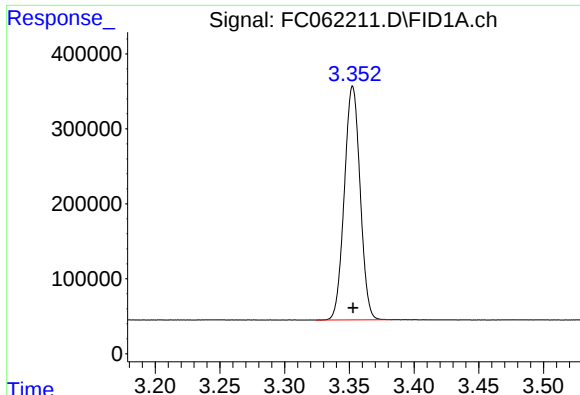
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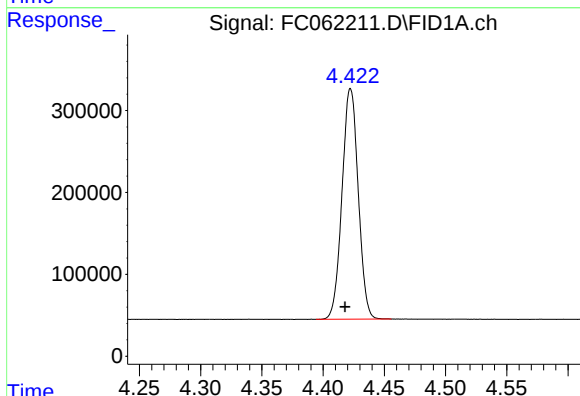
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2646000
Conc: 19.01 ug/ml

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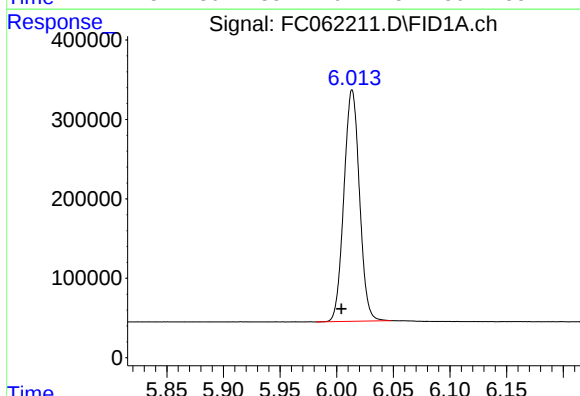
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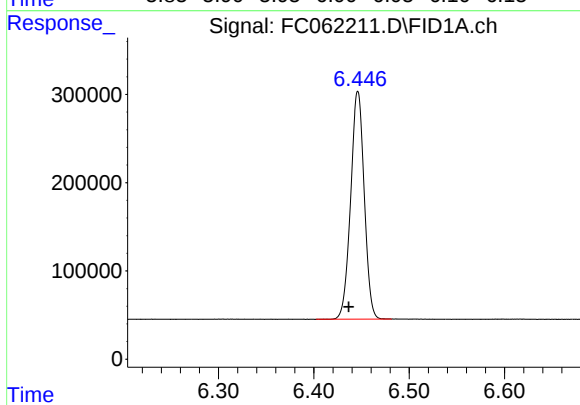
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: 0.004 min
Response: 2593633
Conc: 19.17 ug/ml



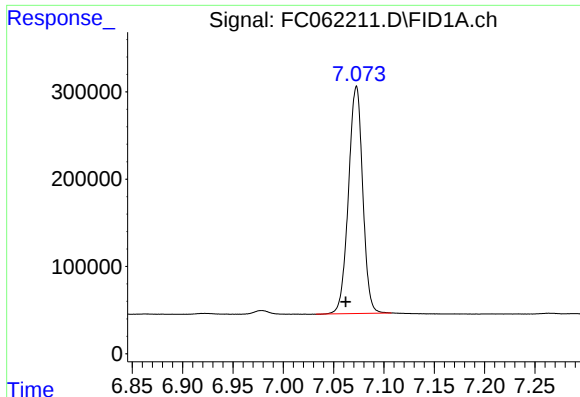
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.009 min
Response: 2787701
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: 0.010 min
Response: 2557074
Conc: 19.14 ug/ml



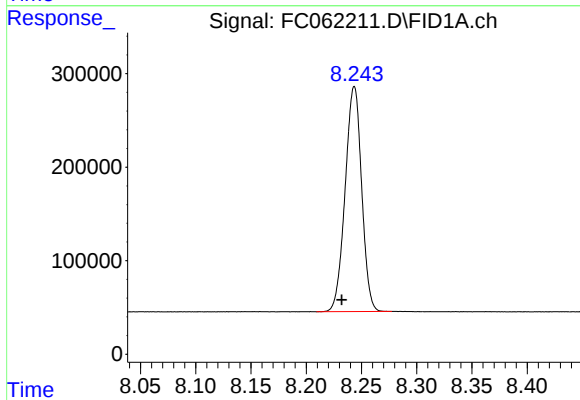
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.011 min
Response: 2565240
Conc: 19.13 ug/ml

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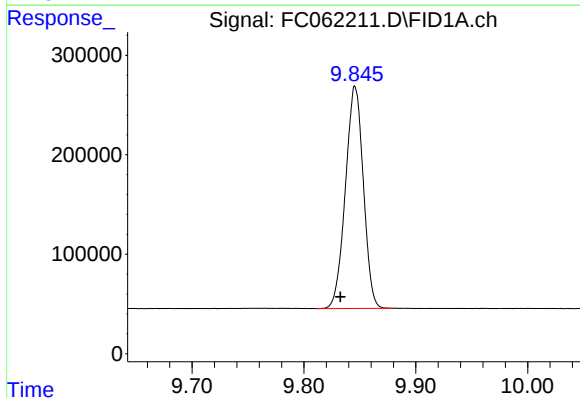
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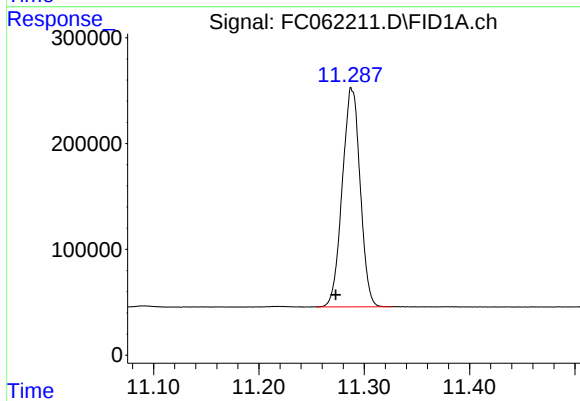
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: 0.011 min
Response: 2504735
Conc: 19.19 ug/ml



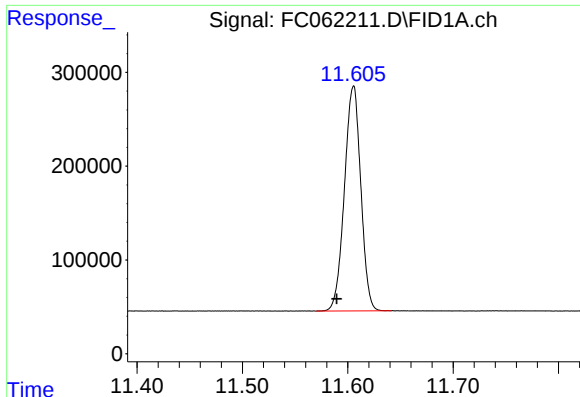
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: 0.013 min
Response: 2493721
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.288 min
Delta R.T.: 0.015 min
Response: 2442586
Conc: 19.13 ug/ml



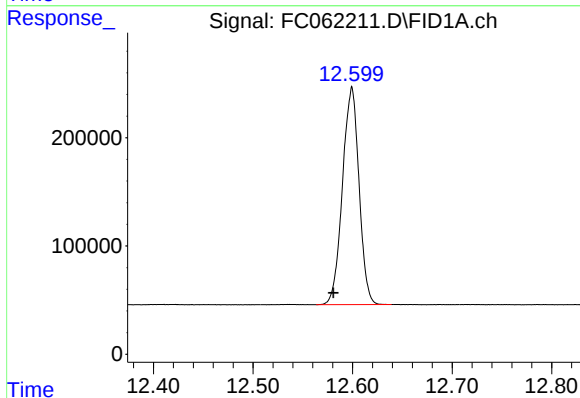
#9 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.016 min
Response: 2589300
Conc: 18.97 ug/ml

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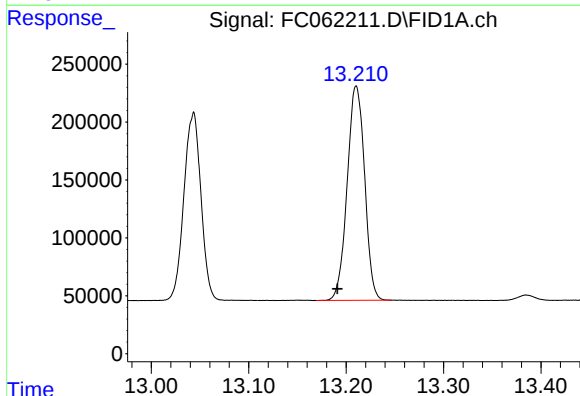
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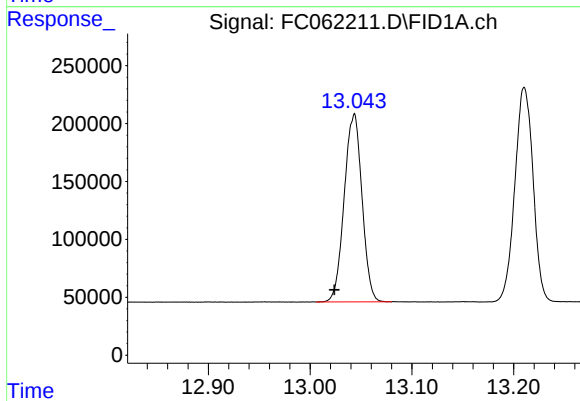
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: 0.019 min
Response: 2325264
Conc: 19.13 ug/ml



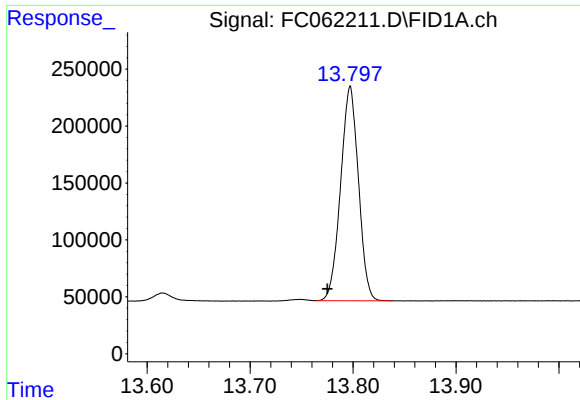
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: 0.019 min
Response: 2303521
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: 0.020 min
Response: 1968983
Conc: 19.37 ug/ml



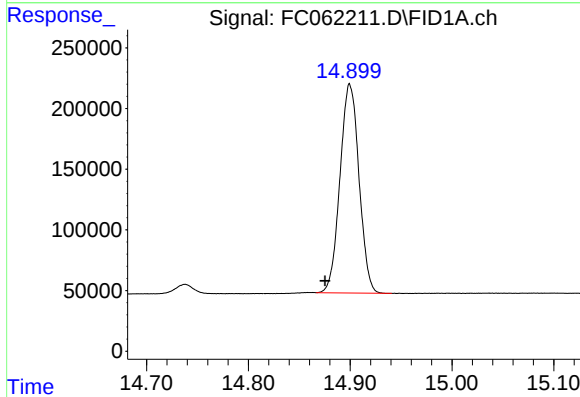
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: 0.022 min
Response: 2269214
Conc: 19.25 ug/ml

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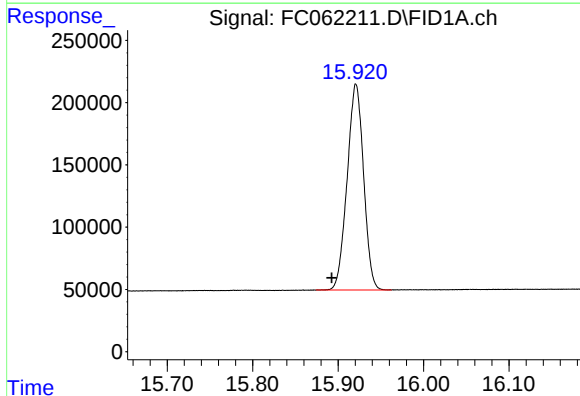
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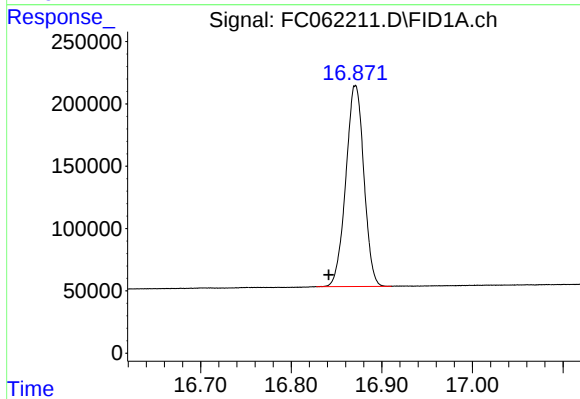
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: 0.024 min
Response: 2238833
Conc: 19.46 ug/ml



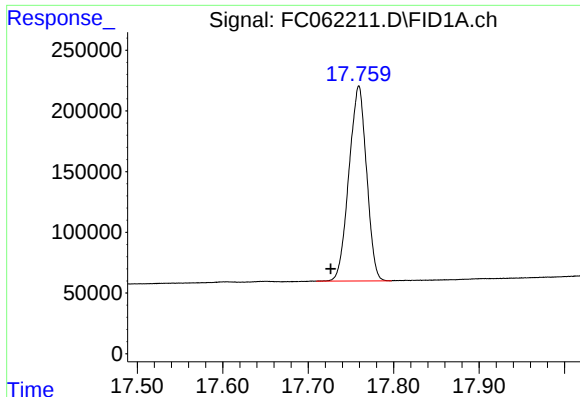
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: 0.028 min
Response: 2213598
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: 0.029 min
Response: 2228979
Conc: 20.33 ug/ml



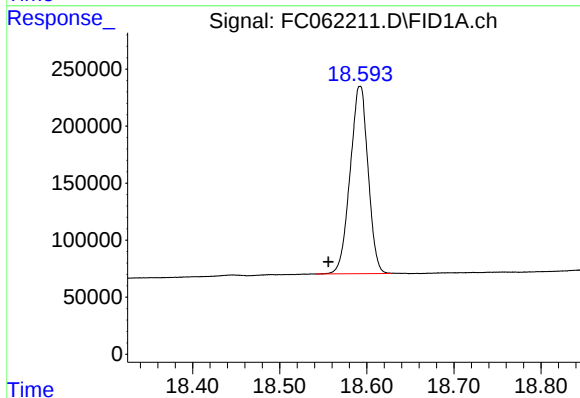
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.033 min
Response: 2297438
Conc: 20.98 ug/ml

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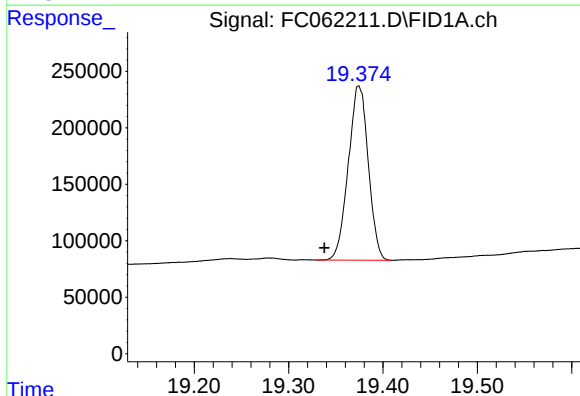
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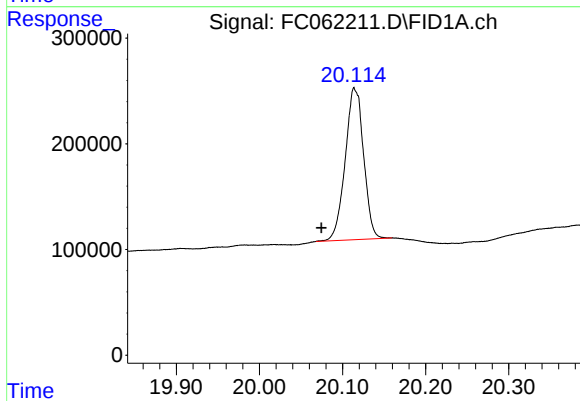
#18 n-Dotriacontane (C32)

R.T.: 18.592 min
Delta R.T.: 0.036 min
Response: 2348876
Conc: 21.27 ug/ml



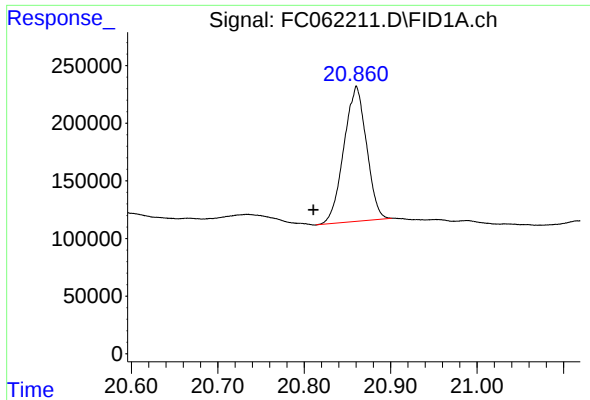
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: 0.037 min
Response: 2272237
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: 0.039 min
Response: 2202775
Conc: 21.02 ug/ml



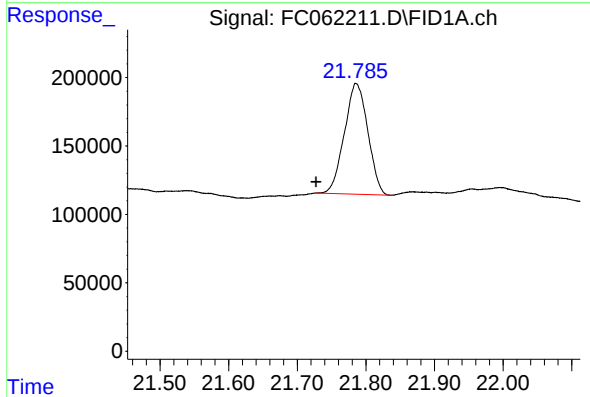
#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: 0.049 min
Response: 2126671
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.786 min
Delta R.T.: 0.058 min
Response: 1922413
Conc: 18.73 ug/ml