

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082522AL\
 Data File : FC061293.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2022 10:15
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: sample.E
 Quant Time: Aug 25 13:33:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.640	3185134	17.992 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	13.071	2531418	18.075 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	3.408	2890189	19.116 ug/ml
2) T n-Decane (C10)	4.476	2895546	19.083 ug/ml
3) T A~Naphthalene (C11.7)	6.062	3256656	18.813 ug/ml
4) T n-Dodecane (C12)	6.489	2933390	18.941 ug/ml
5) T A~2-methylnaphthalene...	7.116	3285176	18.657 ug/ml
6) T n-Tetradecane (C14)	8.282	2933496	18.754 ug/ml
7) T n-Hexadecane (C16)	9.880	2916078	18.617 ug/ml
8) T n-Octadecane (C18)	11.320	2909304	18.441 ug/ml
10) T n-Eicosane (C20)	12.627	2845250	18.302 ug/ml
11) T n-Heneicosane (C21)	13.237	2825940	18.067 ug/ml
13) T n-Docosane (C22)	13.822	2808644	18.099 ug/ml
14) T n-Tetracosane (C24)	14.924	2798995	18.093 ug/ml
15) T n-Hexacosane (C26)	15.942	2707502	17.990 ug/ml
16) T n-Octacosane (C28)	16.890	2630401	17.808 ug/ml
17) T n-Tricontane (C30)	17.776	2528347	18.306 ug/ml
18) T n-Dotriacontane (C32)	18.606	2064540	18.809 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1509092	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1142521	20.237 ug/ml
21) T n-Octatriacontane (C38)	20.868	1011496	21.804 ug/mlm
22) T n-Tetracontane (C40)	21.795	919878	21.931 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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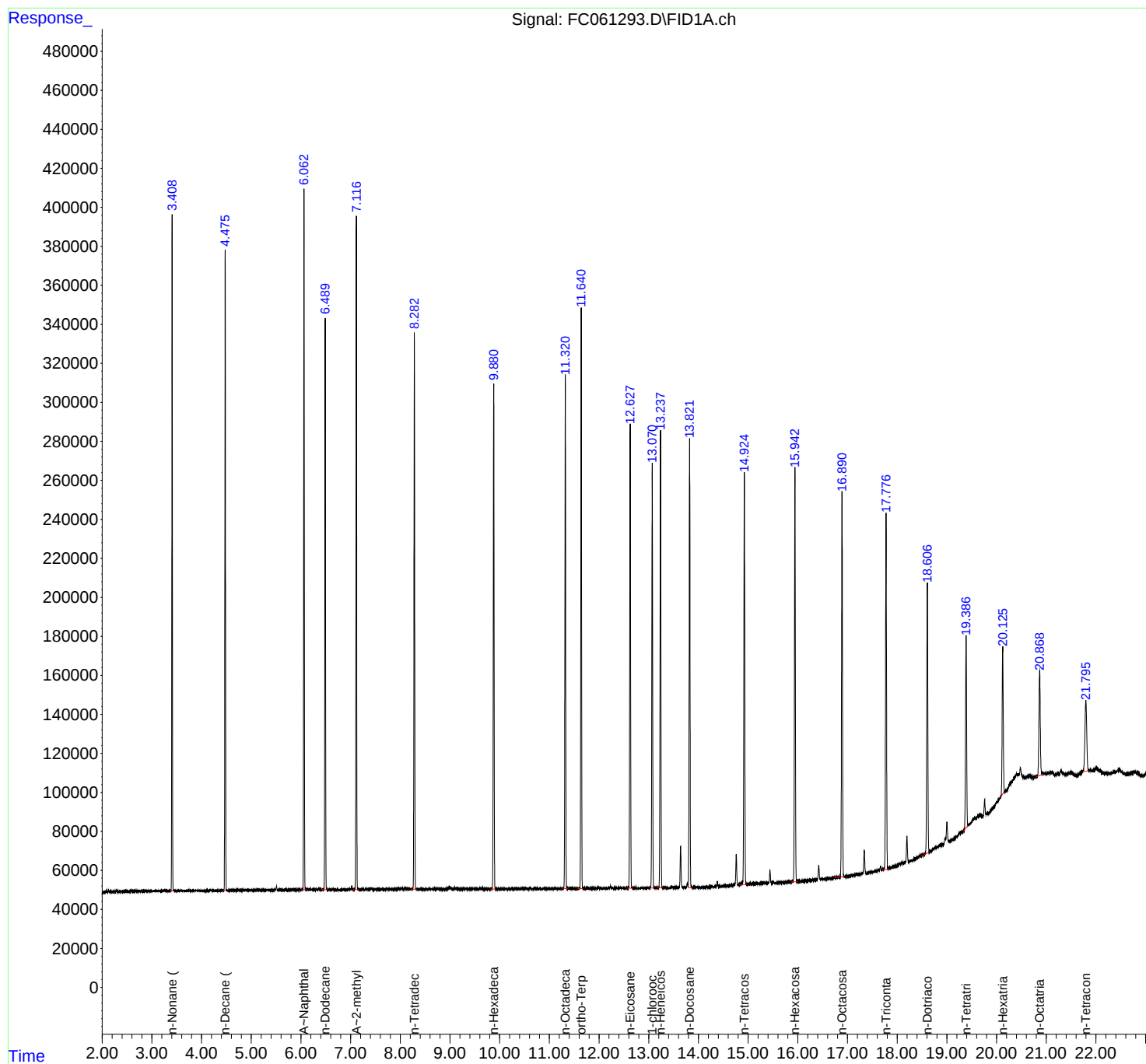
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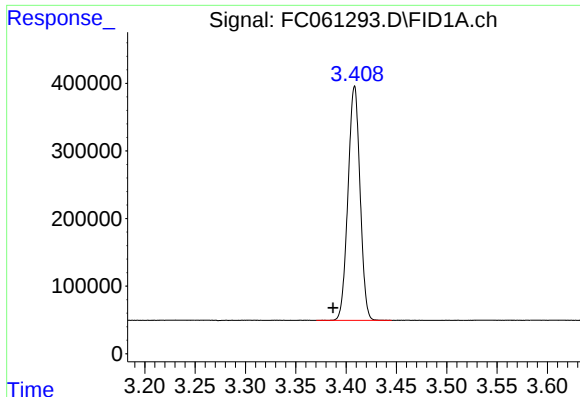
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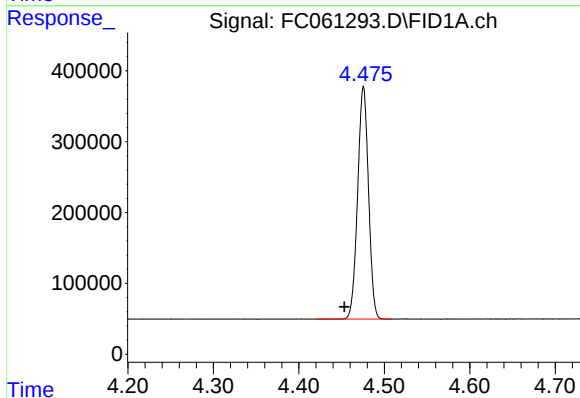
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: 0.021 min
Response: 2890189
Conc: 19.12 ug/ml

Instrument :
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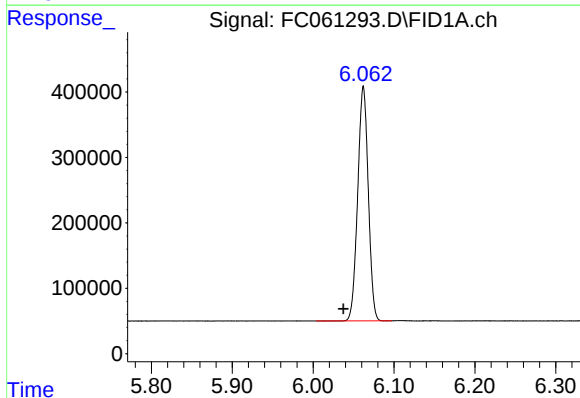
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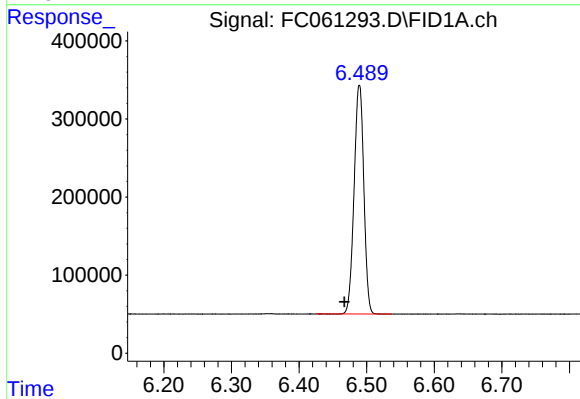
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.022 min
Response: 2895546
Conc: 19.08 ug/ml



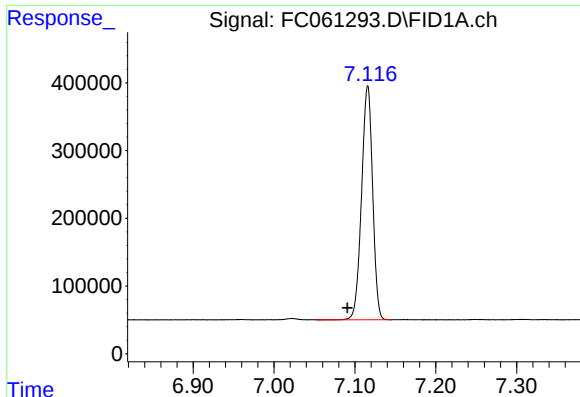
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.025 min
Response: 3256656
Conc: 18.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: 0.022 min
Response: 2933390
Conc: 18.94 ug/ml



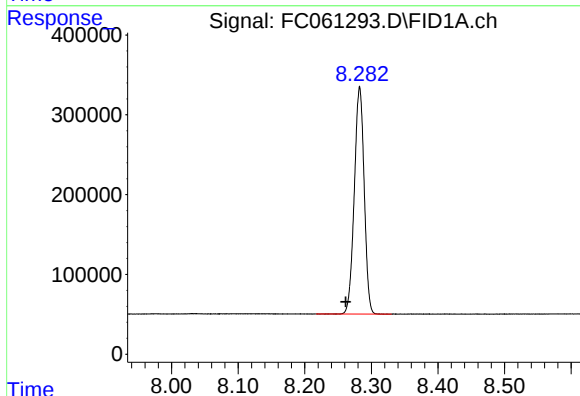
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: 0.025 min
Response: 3285176
Conc: 18.66 ug/ml

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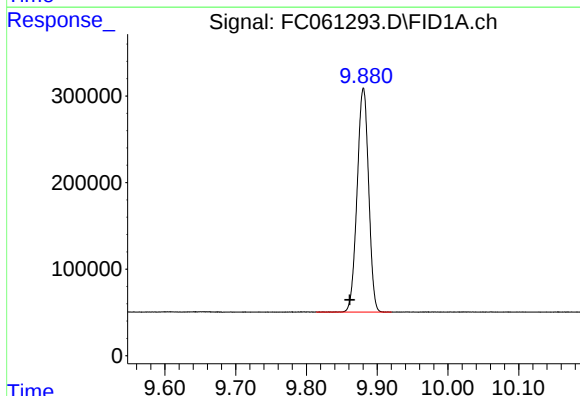
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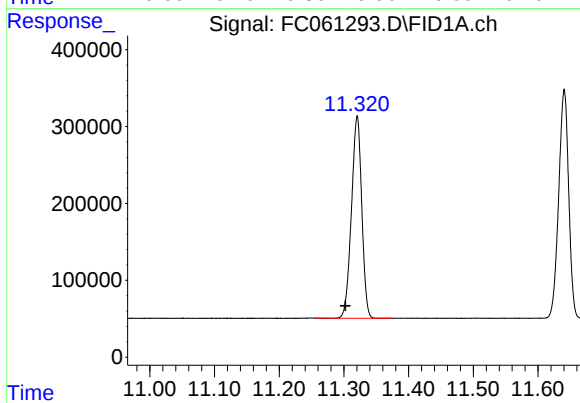
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.021 min
Response: 2933496
Conc: 18.75 ug/ml



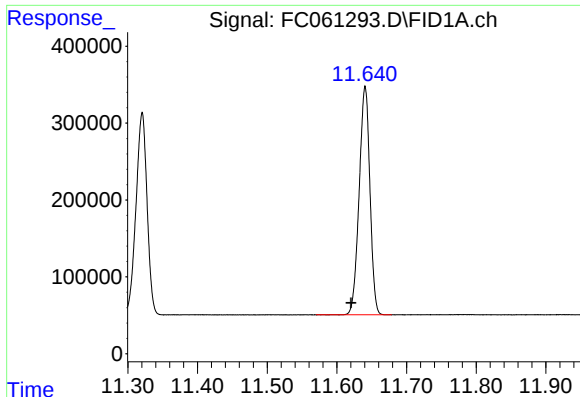
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: 0.019 min
Response: 2916078
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: 0.018 min
Response: 2909304
Conc: 18.44 ug/ml



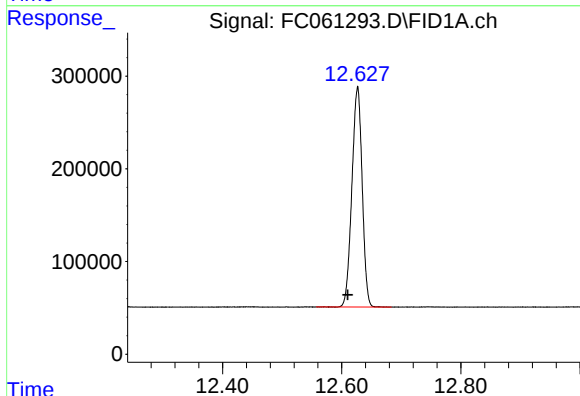
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: 0.020 min
Response: 3185134
Conc: 17.99 ug/ml

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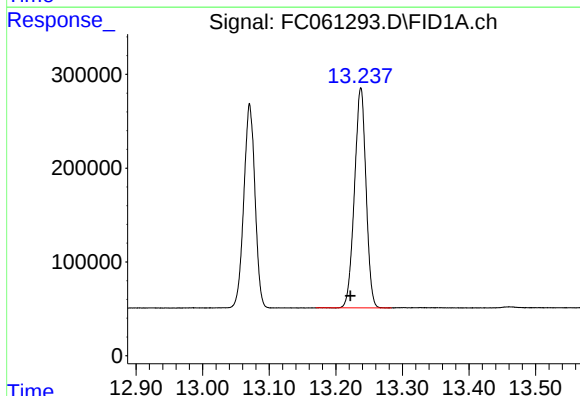
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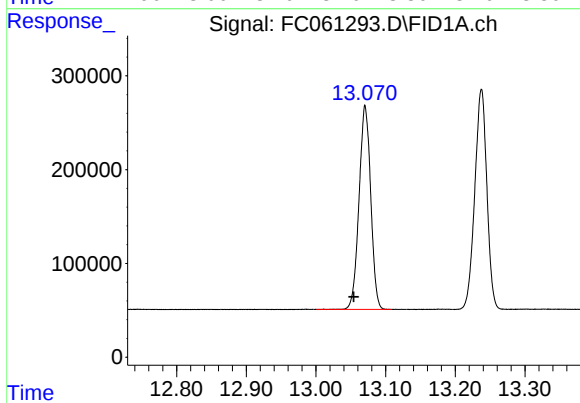
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.016 min
Response: 2845250
Conc: 18.30 ug/ml



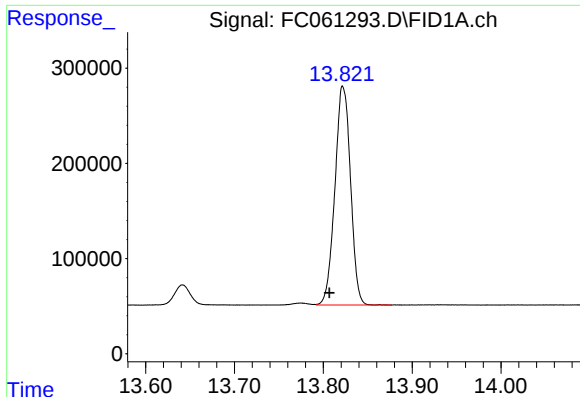
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: 0.015 min
Response: 2825940
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.071 min
Delta R.T.: 0.017 min
Response: 2531418
Conc: 18.08 ug/ml



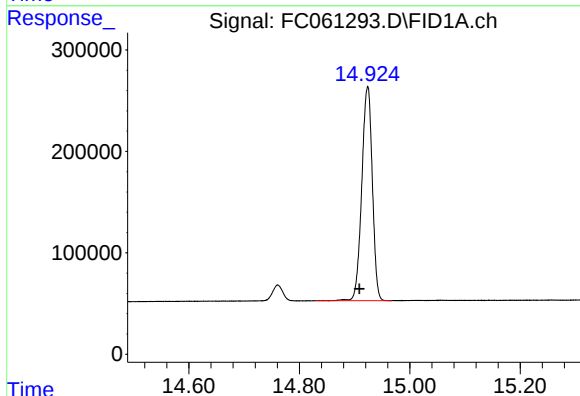
#13 n-Docosane (C22)

R.T.: 13.822 min
Delta R.T.: 0.015 min
Response: 2808644
Conc: 18.10 ug/ml

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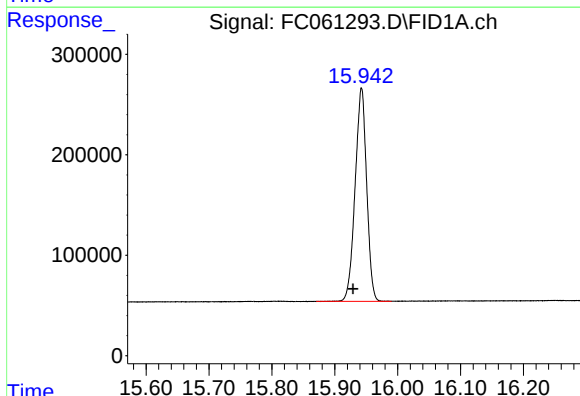
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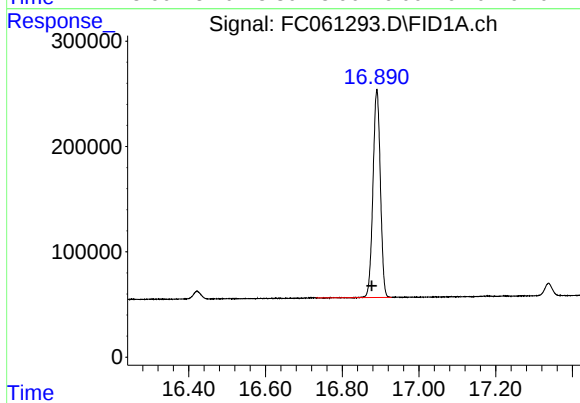
#14 n-Tetracosane (C24)

R.T.: 14.924 min
Delta R.T.: 0.015 min
Response: 2798995
Conc: 18.09 ug/ml



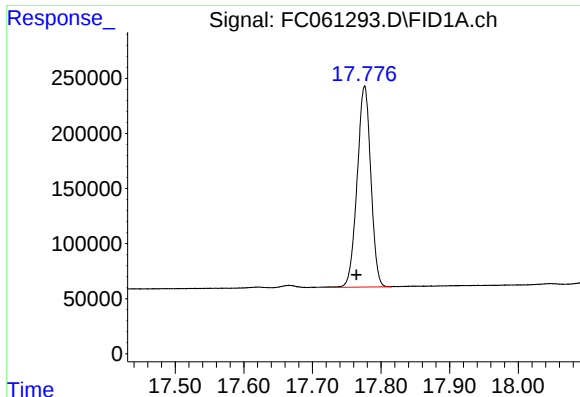
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: 0.014 min
Response: 2707502
Conc: 17.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: 0.014 min
Response: 2630401
Conc: 17.81 ug/ml



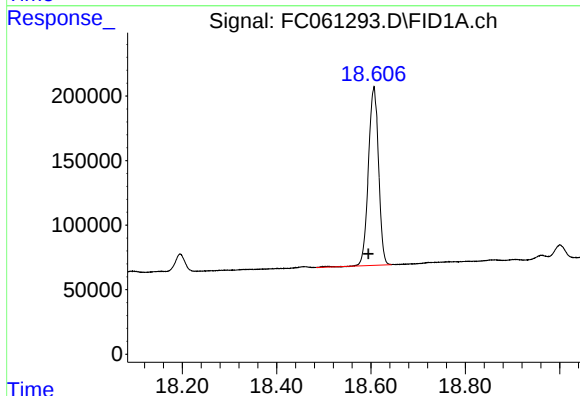
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: 0.012 min
Response: 2528347
Conc: 18.31 ug/ml

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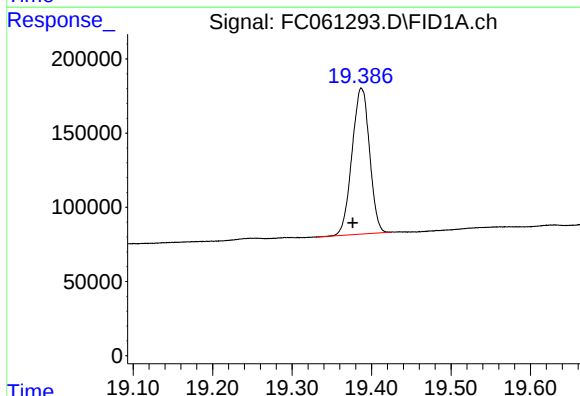
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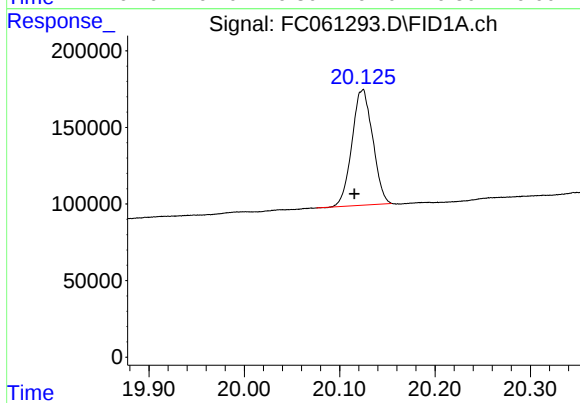
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: 0.011 min
Response: 2064540
Conc: 18.81 ug/ml



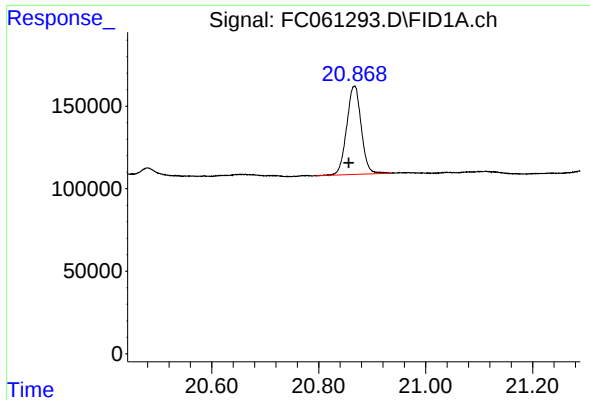
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min
Delta R.T.: 0.011 min
Response: 1509092
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: 0.008 min
Response: 1142521
Conc: 20.24 ug/ml



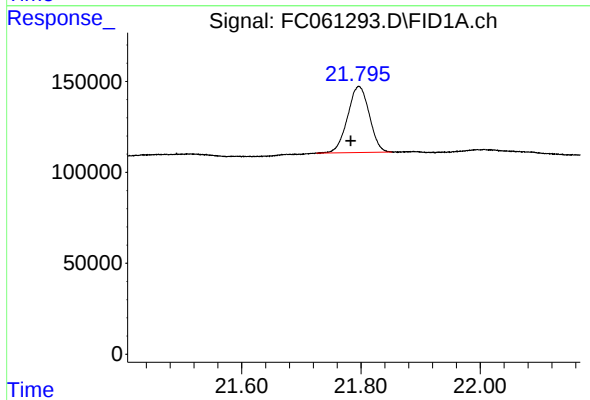
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: 0.011 min
Response: 1011496
Conc: 21.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: 0.012 min
Response: 919878
Conc: 21.93 ug/ml m