

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061770.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2022 13:45
 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 10/13/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 13 07:38:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.587	3404155	19.919 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.025	2709412	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.343	2969452	19.893 ug/ml
2) T n-Decane (C10)	4.411	3093720	20.510 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3371100	20.328 ug/ml
4) T n-Dodecane (C12)	6.428	3153159	20.736 ug/ml
5) T A~2-methylnaphthalene...	7.053	3337965	20.292 ug/ml
6) T n-Tetradecane (C14)	8.226	3191414	20.933 ug/ml
7) T n-Hexadecane (C16)	9.827	3248485	21.008 ug/ml
8) T n-Octadecane (C18)	11.270	3285892	20.844 ug/ml
10) T n-Eicosane (C20)	12.580	3270645	20.524 ug/ml
11) T n-Heneicosane (C21)	13.192	3213581	20.030 ug/ml
13) T n-Docosane (C22)	13.778	3270338	20.355 ug/ml
14) T n-Tetracosane (C24)	14.880	3282295	20.490 ug/ml
15) T n-Hexacosane (C26)	15.901	3256224	20.540 ug/ml
16) T n-Octacosane (C28)	16.849	3249442	20.965 ug/ml
17) T n-Tricontane (C30)	17.737	3371730	21.910 ug/ml
18) T n-Dotriacontane (C32)	18.569	3271579	21.637 ug/ml
19) T n-Tetratriacontane (C34)	19.353	2924417	20.625 ug/ml
20) T n-Hexatriacontane (C36)	20.092	2760469	19.995 ug/ml
21) T n-Octatriacontane (C38)	20.829	2628554	20.297 ug/mlm
22) T n-Tetracontane (C40)	21.743	2468636	20.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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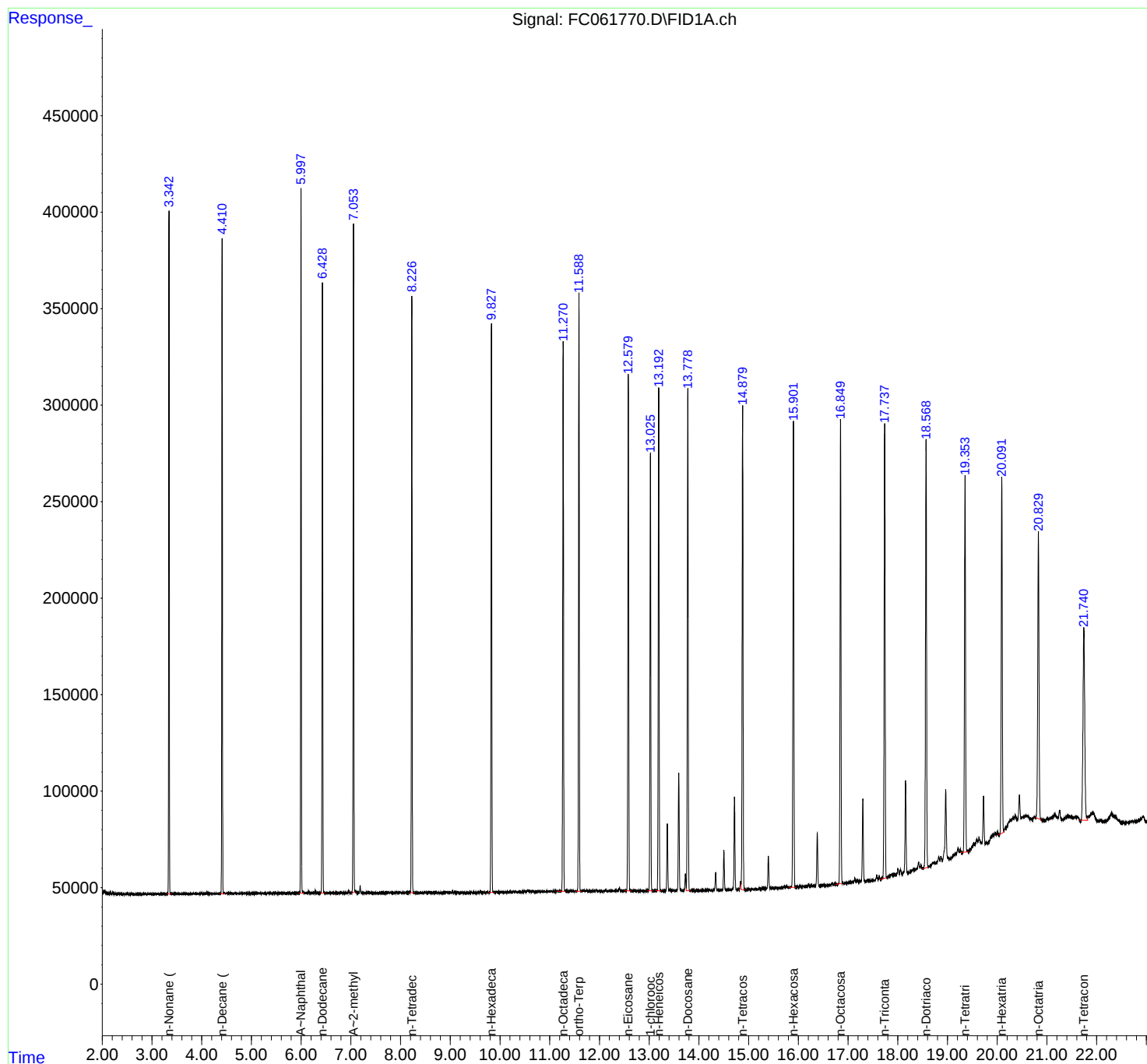
Instrument :
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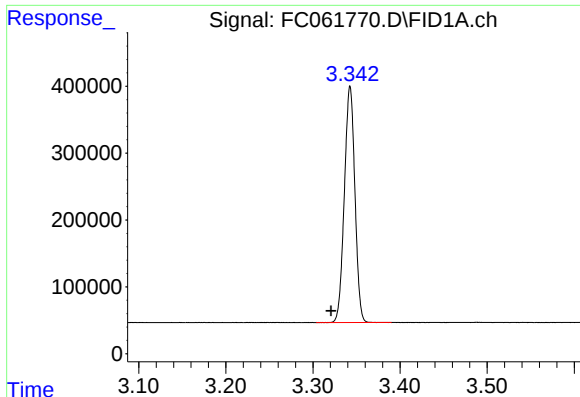
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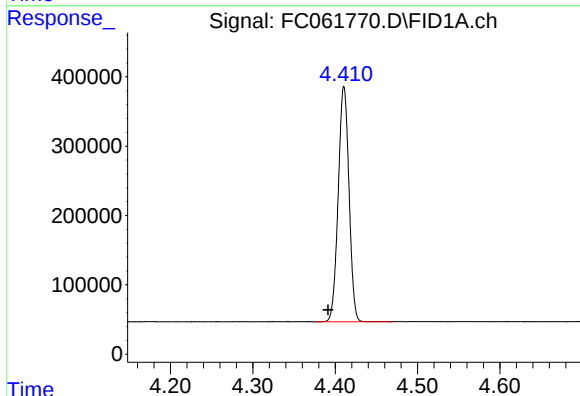
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.022 min
Response: 2969452
Conc: 19.89 ug/ml

Instrument :
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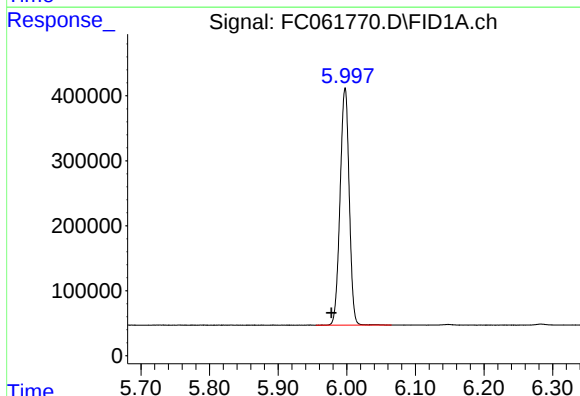
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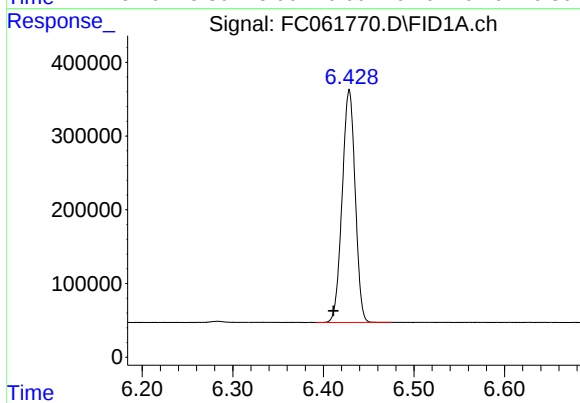
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.019 min
Response: 3093720
Conc: 20.51 ug/ml



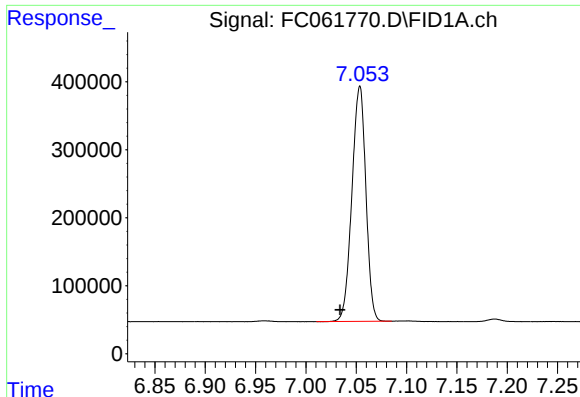
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: 0.020 min
Response: 3371100
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 3153159
Conc: 20.74 ug/ml



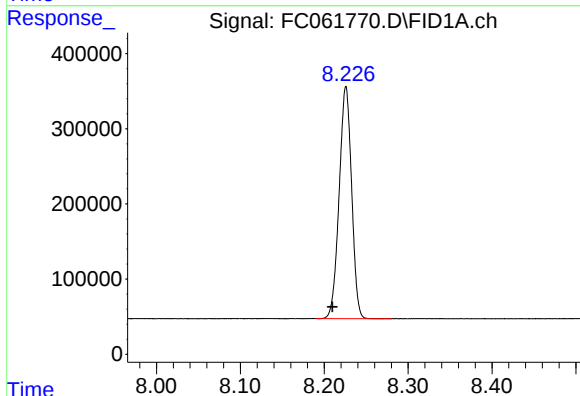
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 3337965
Conc: 20.29 ug/ml

Instrument :
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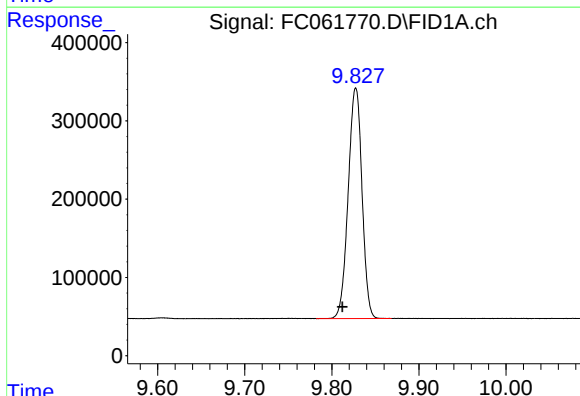
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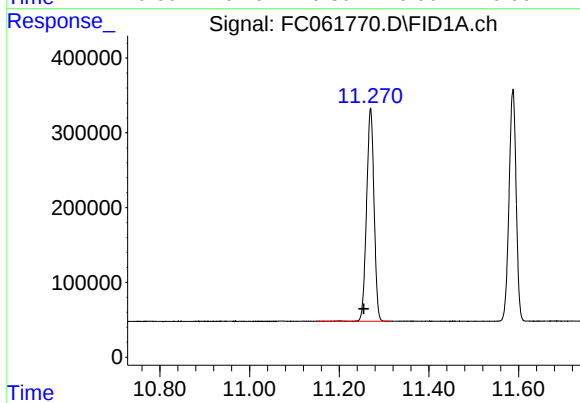
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: 0.016 min
Response: 3191414
Conc: 20.93 ug/ml



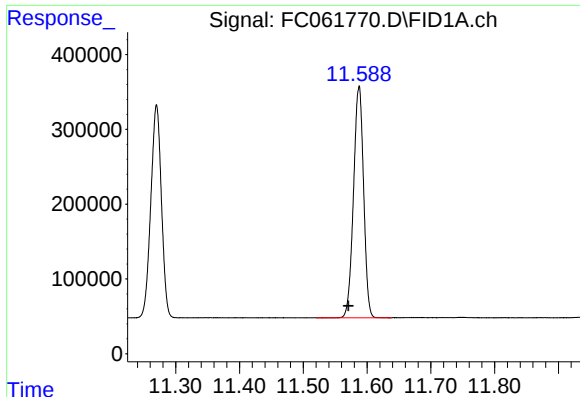
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.015 min
Response: 3248485
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: 0.015 min
Response: 3285892
Conc: 20.84 ug/ml



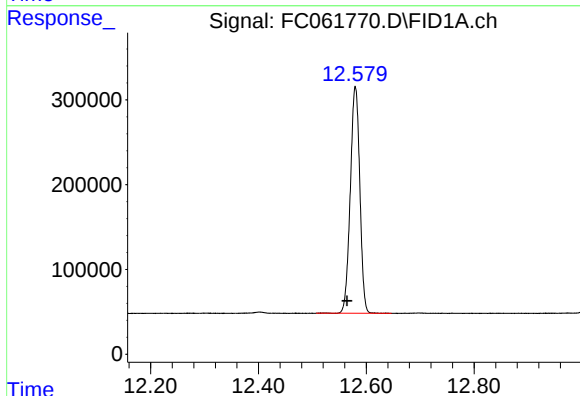
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: 0.017 min
Response: 3404155
Conc: 19.92 ug/ml

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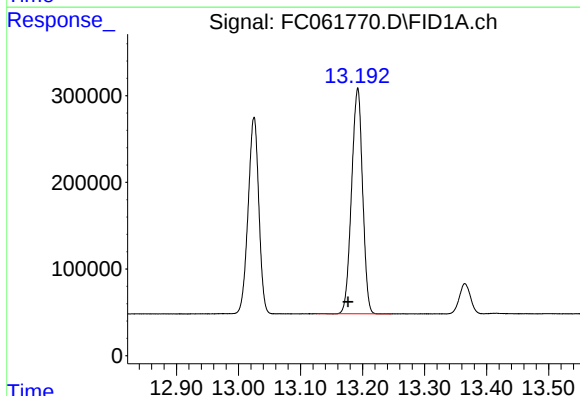
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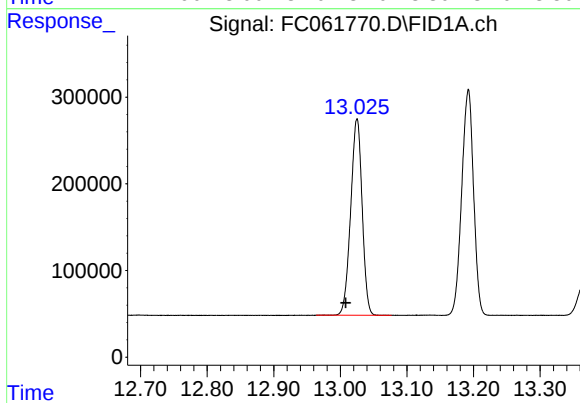
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.015 min
Response: 3270645
Conc: 20.52 ug/ml



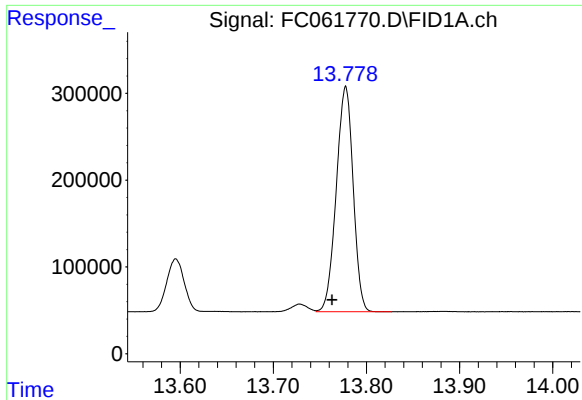
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: 0.015 min
Response: 3213581
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.017 min
Response: 2709412
Conc: 19.83 ug/ml



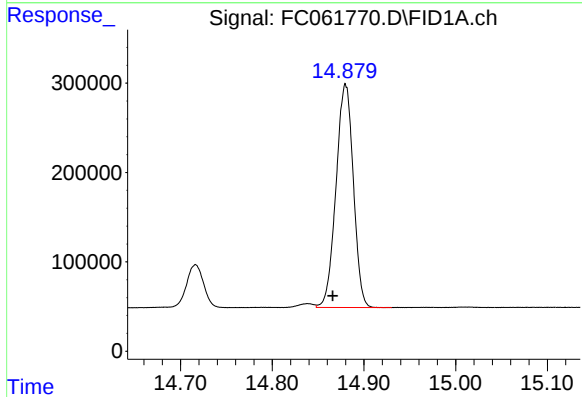
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.015 min
Response: 3270338
Conc: 20.36 ug/ml

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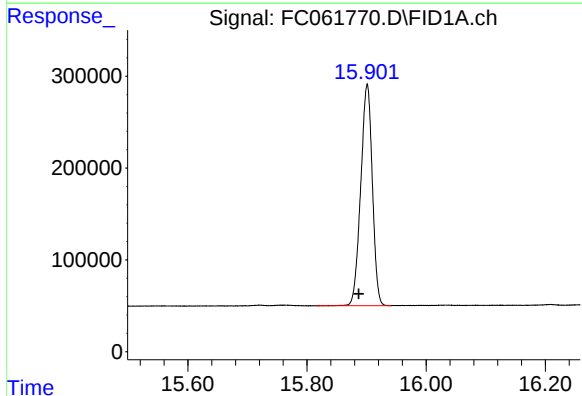
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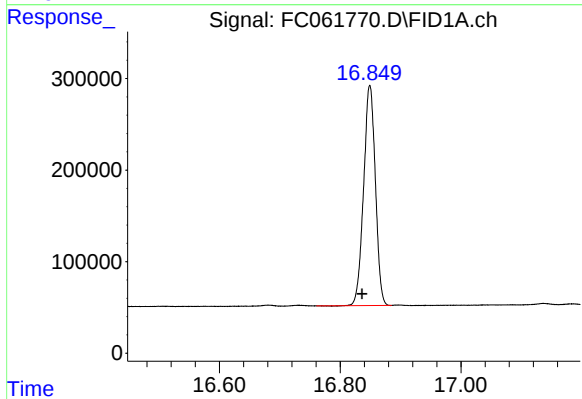
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.014 min
Response: 3282295
Conc: 20.49 ug/ml



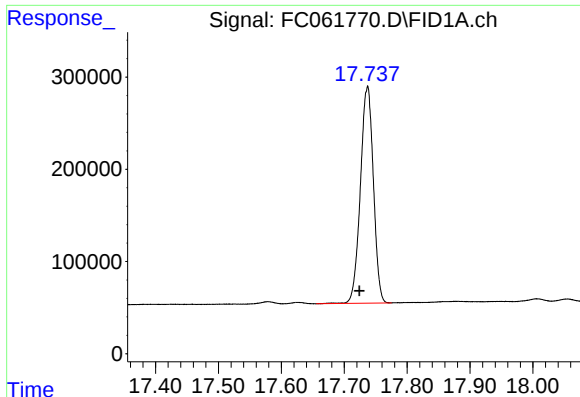
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.014 min
Response: 3256224
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.013 min
Response: 3249442
Conc: 20.96 ug/ml



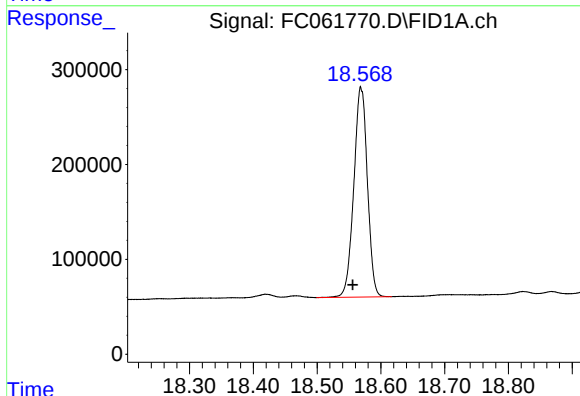
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: 0.013 min
Response: 3371730
Conc: 21.91 ug/ml

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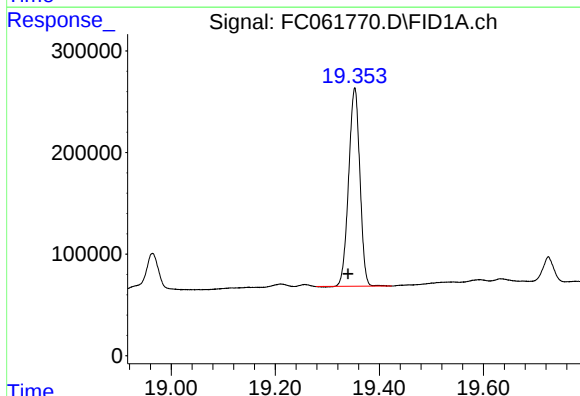
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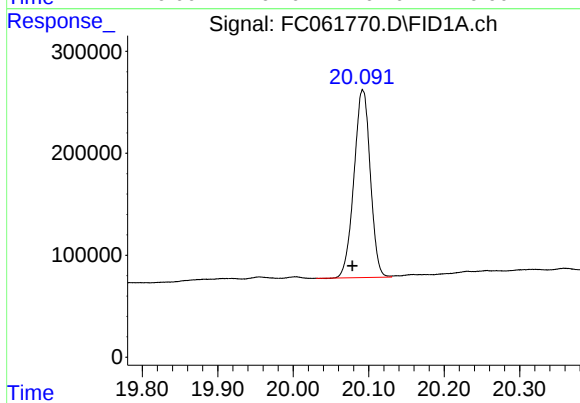
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: 0.013 min
Response: 3271579
Conc: 21.64 ug/ml



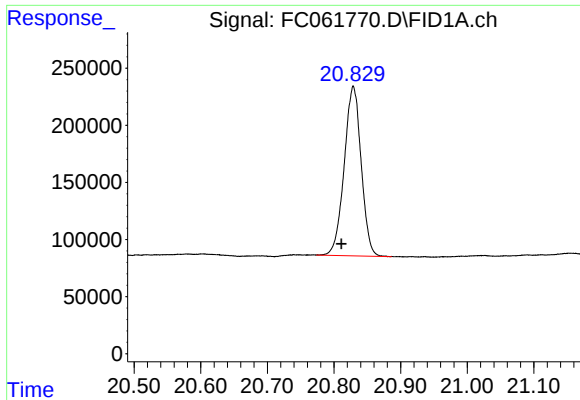
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: 0.013 min
Response: 2924417
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 2760469
Conc: 20.00 ug/ml



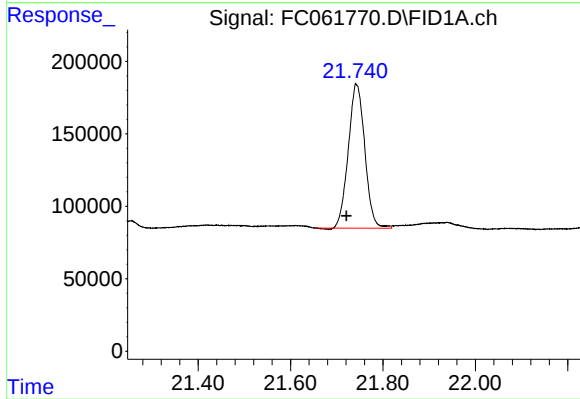
#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: 0.017 min
Response: 2628554
Conc: 20.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.021 min
Response: 2468636
Conc: 20.20 ug/ml