

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
 Data File : FC061668.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2022 05:15
 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 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: sample.E
 Quant Time: Sep 29 06:01:41 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)	11.578	3102502	18.154 ug/ml
Spiked Amount 50.000		Recovery =	36.31%
12) S 1-chlorooctadecane (S...	13.016	2386487	17.469 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.333	2903823	19.454 ug/ml
2) T n-Decane (C10)	4.400	2978482	19.746 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3249196	19.593 ug/ml
4) T n-Dodecane (C12)	6.417	2994754	19.695 ug/ml
5) T A~2-methylnaphthalene...	7.041	3202573	19.469 ug/ml
6) T n-Tetradecane (C14)	8.215	2961816	19.427 ug/ml
7) T n-Hexadecane (C16)	9.818	2987406	19.320 ug/ml
8) T n-Octadecane (C18)	11.261	2943269	18.670 ug/ml
10) T n-Eicosane (C20)	12.572	2862187	17.961 ug/ml
11) T n-Heneicosane (C21)	13.184	2813342	17.535 ug/ml
13) T n-Docosane (C22)	13.770	2770780	17.246 ug/ml
14) T n-Tetracosane (C24)	14.874	2663524	16.627 ug/ml
15) T n-Hexacosane (C26)	15.895	2567827	16.198 ug/ml
16) T n-Octacosane (C28)	16.843	2499655	16.127 ug/mlm
17) T n-Tricontane (C30)	17.732	2588422	16.820 ug/mlm
18) T n-Dotriacontane (C32)	18.564	2629338	17.389 ug/mlm
19) T n-Tetratriacontane (C34)	19.349	2477021	17.470 ug/mlm
20) T n-Hexatriacontane (C36)	20.088	2405790	17.426 ug/ml
21) T n-Octatriacontane (C38)	20.827	2338182	18.055 ug/mlm
22) T n-Tetracontane (C40)	21.736	2267264	18.553 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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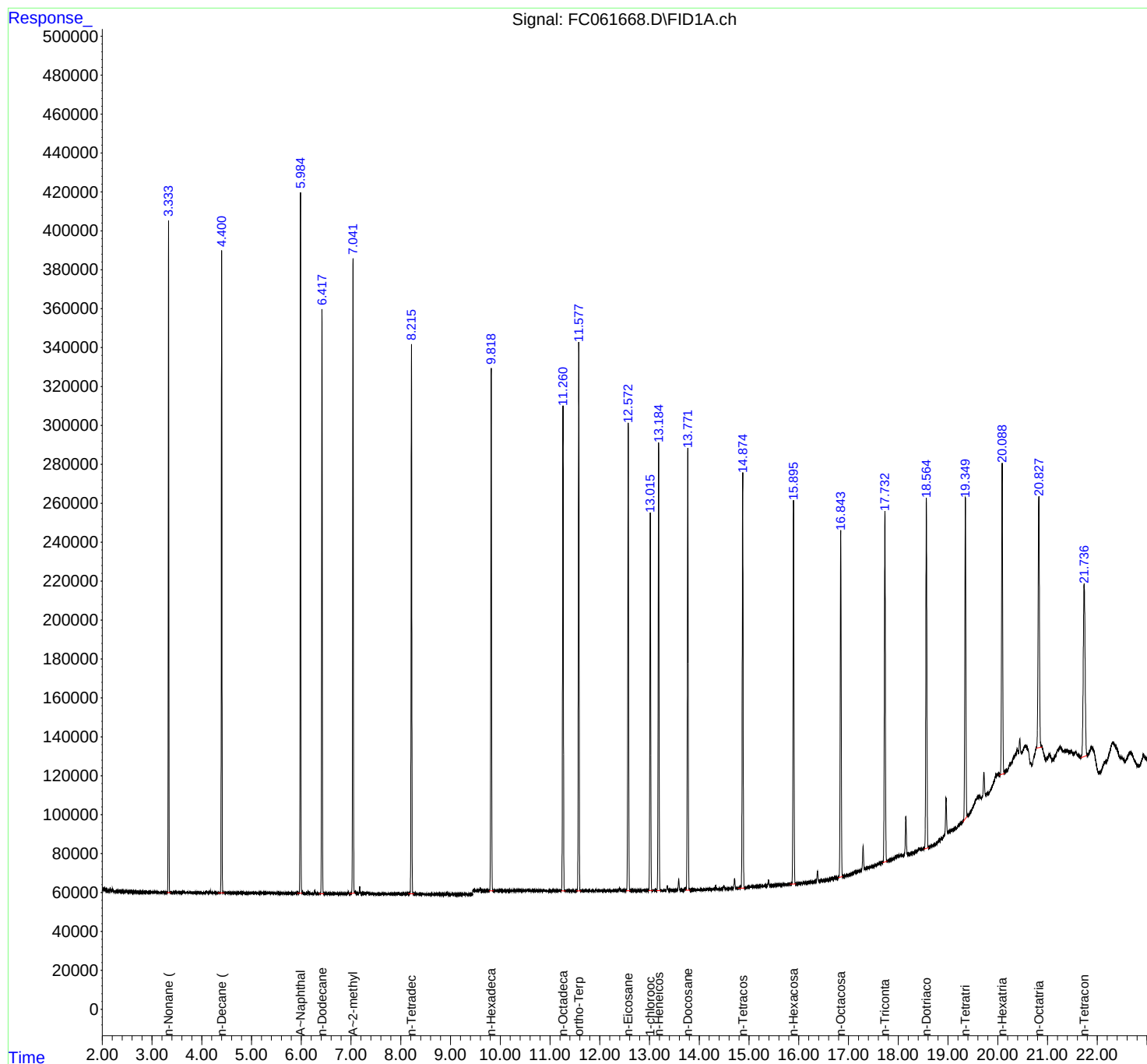
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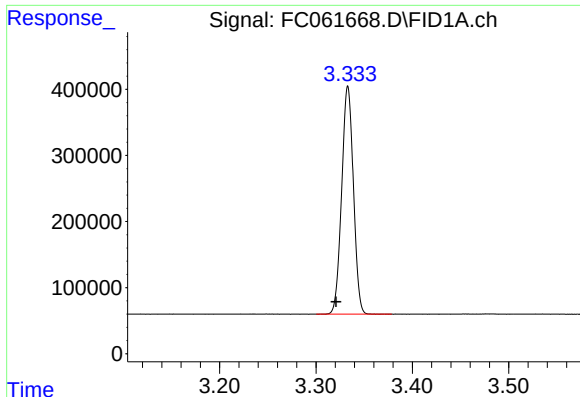
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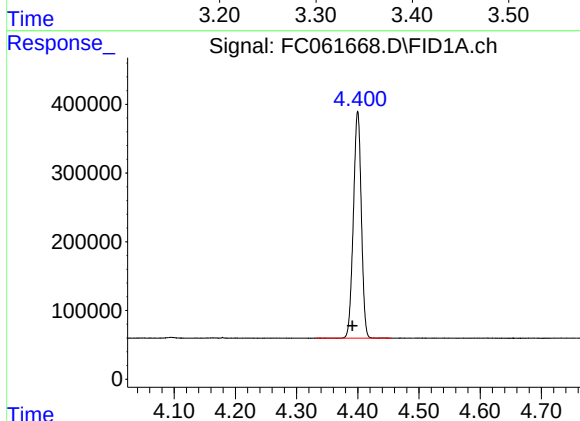
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 2903823
Conc: 19.45 ug/ml

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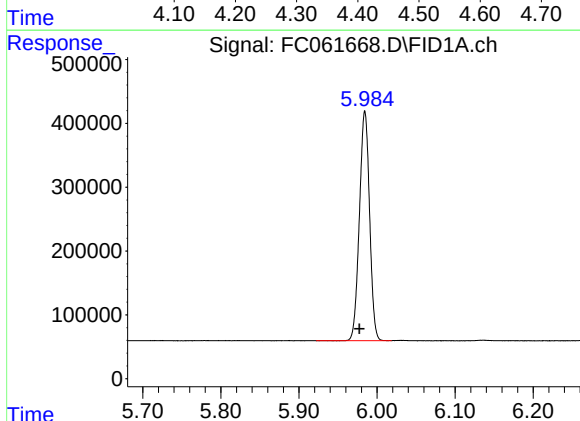
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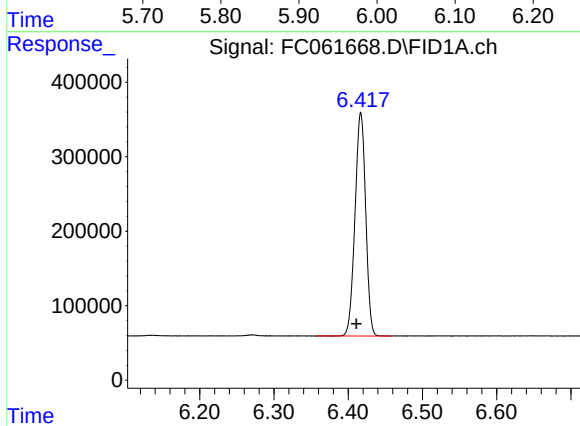
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: 0.009 min
Response: 2978482
Conc: 19.75 ug/ml



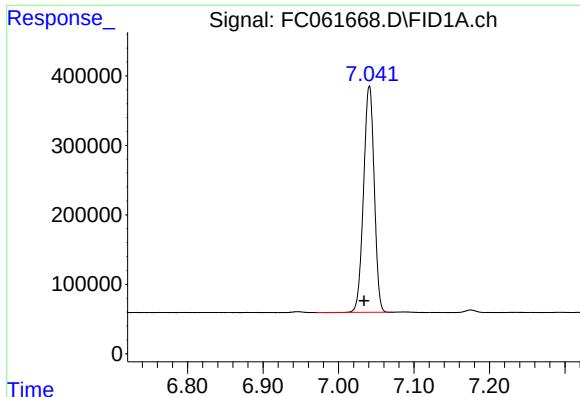
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: 0.007 min
Response: 3249196
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: 0.006 min
Response: 2994754
Conc: 19.69 ug/ml



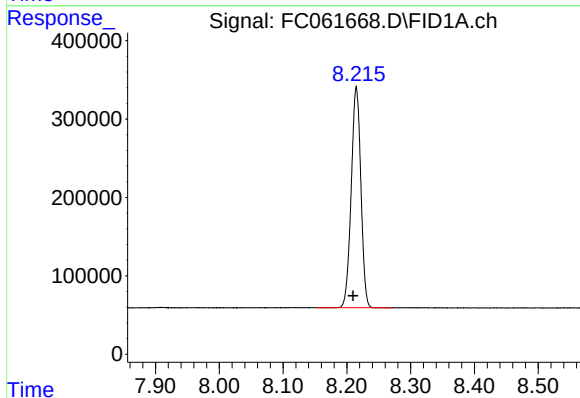
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: 0.007 min
Response: 3202573
Conc: 19.47 ug/ml

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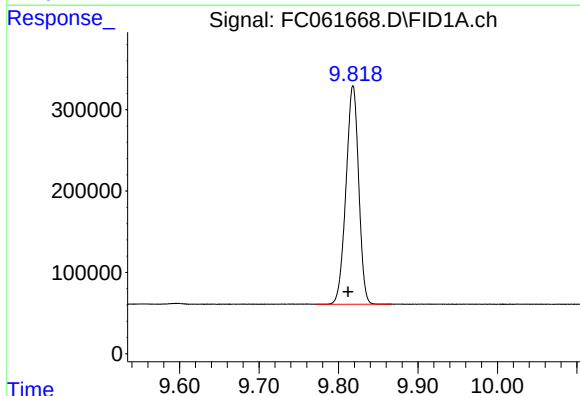
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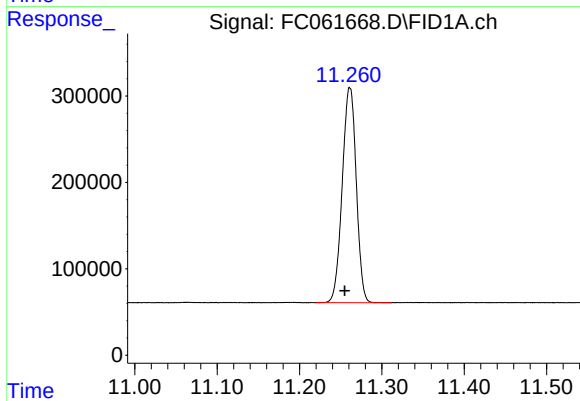
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.005 min
Response: 2961816
Conc: 19.43 ug/ml



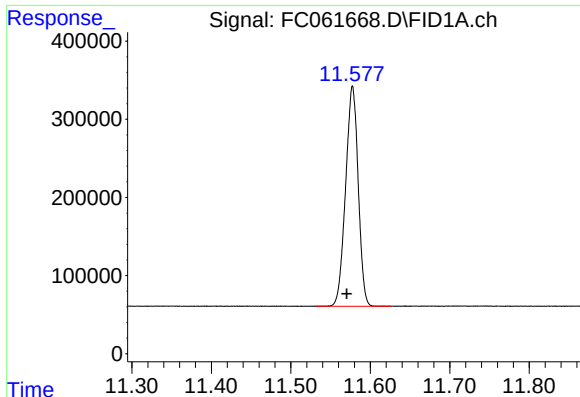
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: 0.006 min
Response: 2987406
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: 0.006 min
Response: 2943269
Conc: 18.67 ug/ml



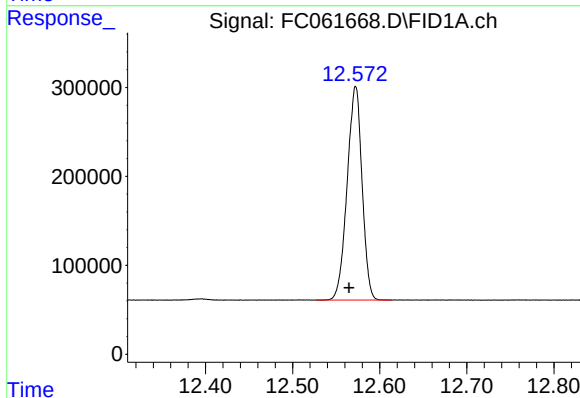
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.007 min
Response: 3102502
Conc: 18.15 ug/ml

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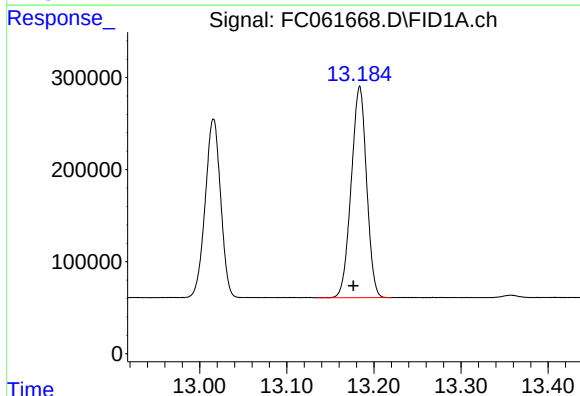
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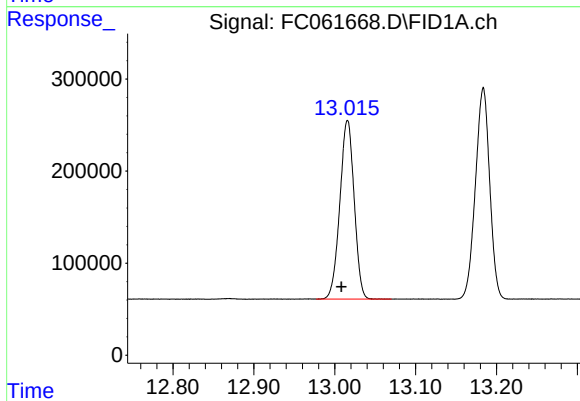
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.007 min
Response: 2862187
Conc: 17.96 ug/ml



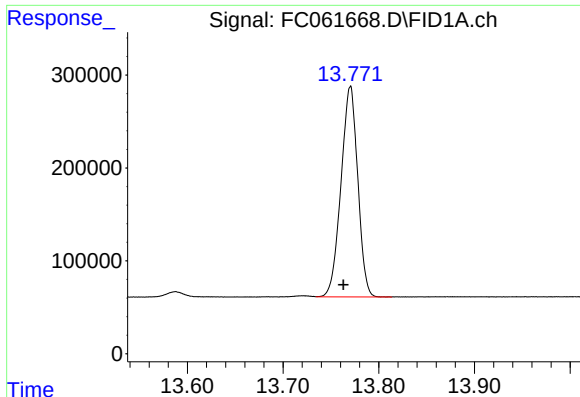
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.007 min
Response: 2813342
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.007 min
Response: 2386487
Conc: 17.47 ug/ml



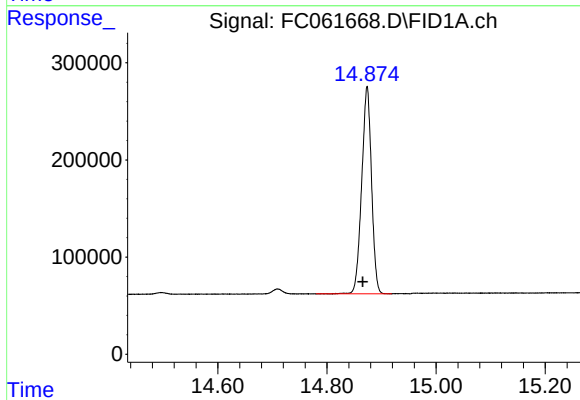
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.007 min
Response: 2770780
Conc: 17.25 ug/ml

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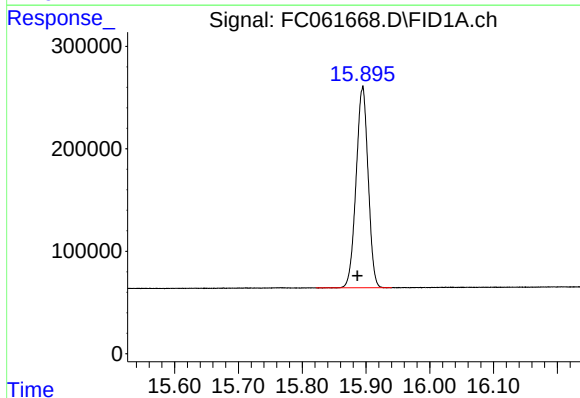
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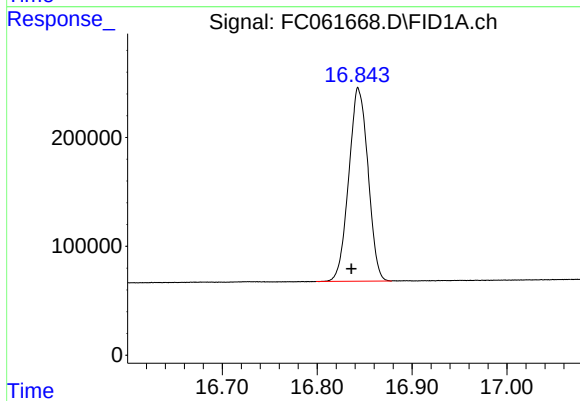
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.008 min
Response: 2663524
Conc: 16.63 ug/ml



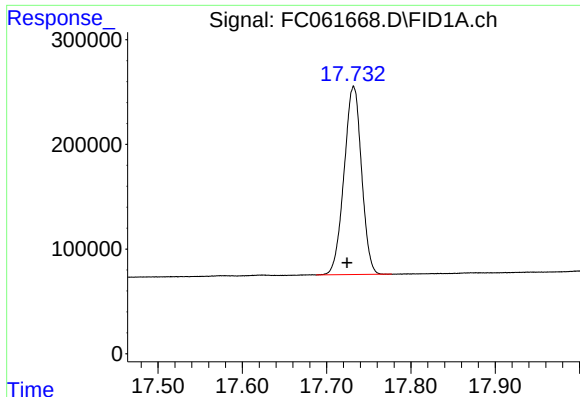
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.008 min
Response: 2567827
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.006 min
Response: 2499655
Conc: 16.13 ug/ml m



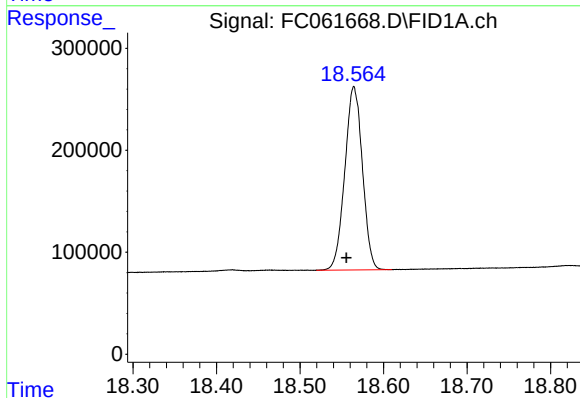
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.007 min
Response: 2588422
Conc: 16.82 ug/ml

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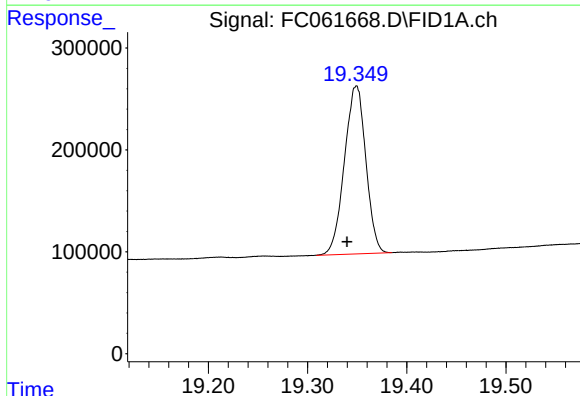
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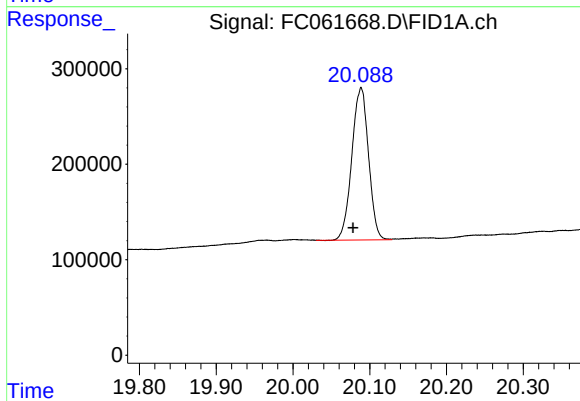
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: 0.008 min
Response: 2629338
Conc: 17.39 ug/ml m



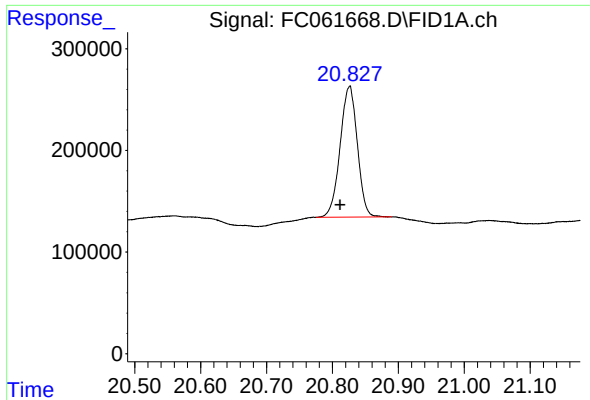
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.009 min
Response: 2477021
Conc: 17.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: 0.010 min
Response: 2405790
Conc: 17.43 ug/ml



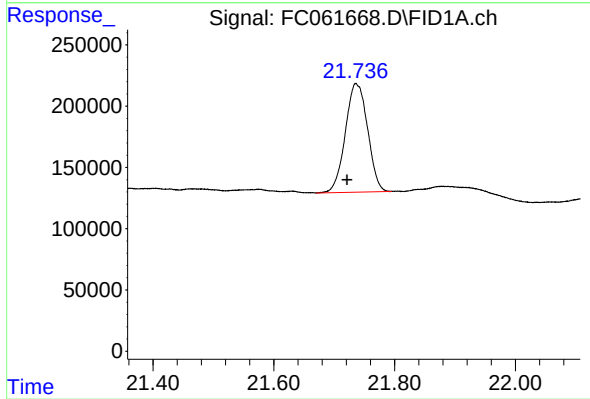
#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: 0.015 min
Response: 2338182
Conc: 18.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: 0.014 min
Response: 2267264
Conc: 18.55 ug/ml m