

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061329.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 14:28
 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 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File: autoint1.e
 Quant Time: Aug 30 04:57:44 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)	11.639	3027682	17.103 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
12) S 1-chlorooctadecane (S...	13.071	2420763	17.285 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
Target Compounds			
1) T n-Nonane (C9)	3.404	2682667	17.744 ug/ml
2) T n-Decane (C10)	4.475	2703087	17.814 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3045496	17.594 ug/ml
4) T n-Dodecane (C12)	6.490	2745478	17.727 ug/ml
5) T A~2-methylnaphthalene...	7.116	3075267	17.465 ug/ml
6) T n-Tetradecane (C14)	8.282	2762375	17.660 ug/ml
7) T n-Hexadecane (C16)	9.880	2759342	17.617 ug/ml
8) T n-Octadecane (C18)	11.320	2773296	17.578 ug/ml
10) T n-Eicosane (C20)	12.626	2719630	17.494 ug/ml
11) T n-Heneicosane (C21)	13.237	2708968	17.319 ug/ml
13) T n-Docosane (C22)	13.822	2698039	17.386 ug/ml
14) T n-Tetracosane (C24)	14.923	2706213	17.493 ug/ml
15) T n-Hexacosane (C26)	15.942	2619466	17.405 ug/ml
16) T n-Octacosane (C28)	16.889	2557518	17.315 ug/ml
17) T n-Tricontane (C30)	17.776	2501799	18.113 ug/ml
18) T n-Dotriacontane (C32)	18.606	2086679	19.010 ug/ml
19) T n-Tetratriacontane (C34)	19.387	1519544	19.686 ug/ml
20) T n-Hexatriacontane (C36)	20.126	1107841	19.622 ug/ml
21) T n-Octatriacontane (C38)	20.869	963522	20.769 ug/mlm
22) T n-Tetracontane (C40)	21.797	817176	19.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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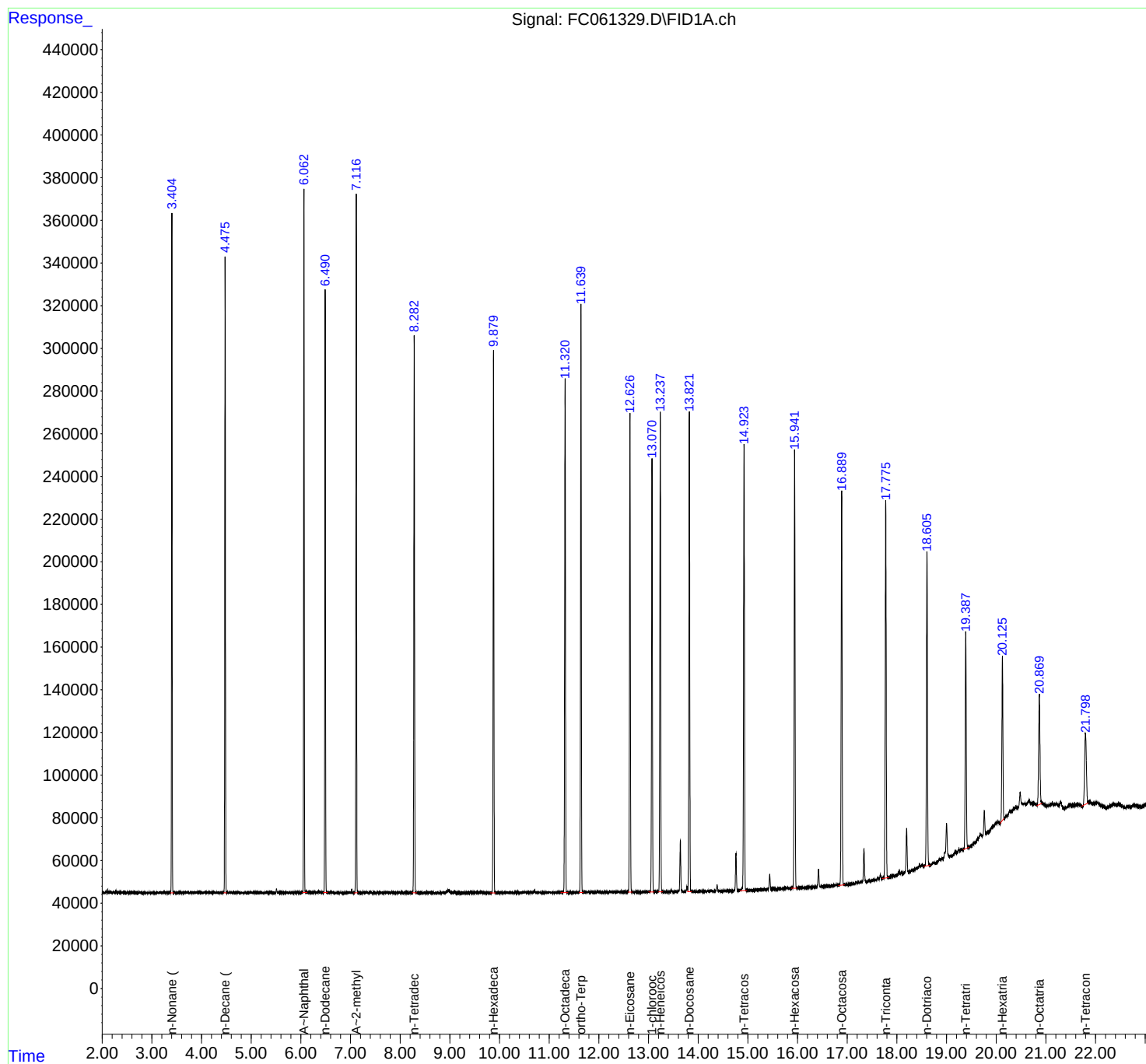
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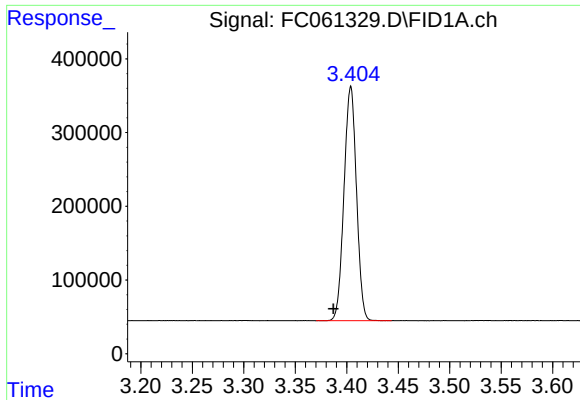
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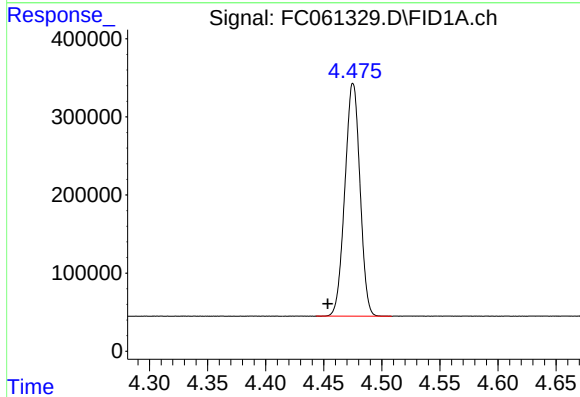
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.017 min
Response: 2682667
Conc: 17.74 ug/ml

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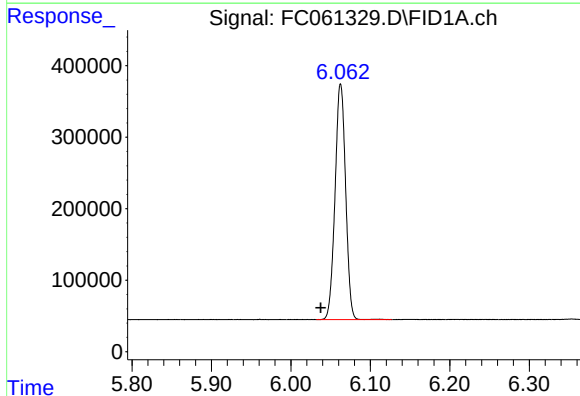
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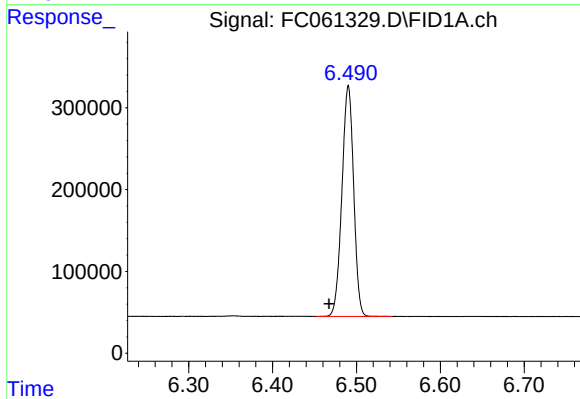
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.022 min
Response: 2703087
Conc: 17.81 ug/ml



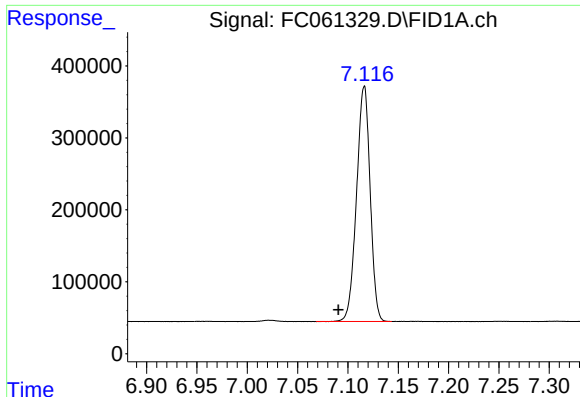
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.025 min
Response: 3045496
Conc: 17.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: 0.023 min
Response: 2745478
Conc: 17.73 ug/ml



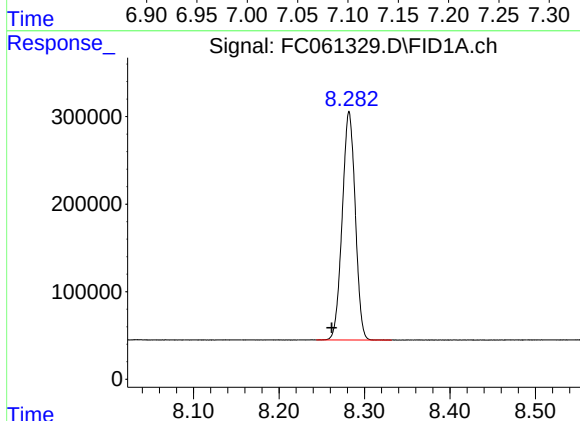
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: 0.026 min
Response: 3075267
Conc: 17.46 ug/ml

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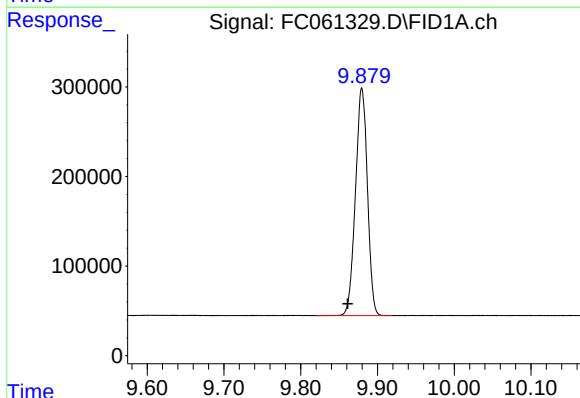
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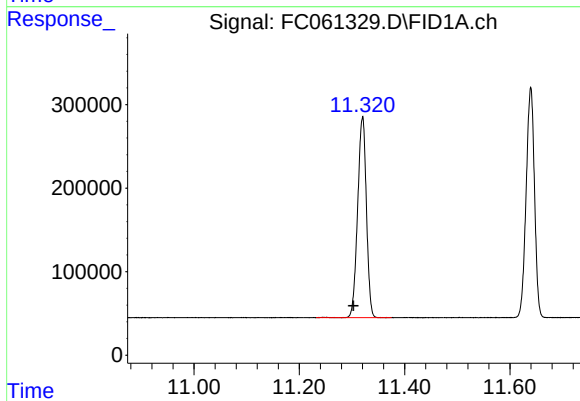
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.020 min
Response: 2762375
Conc: 17.66 ug/ml



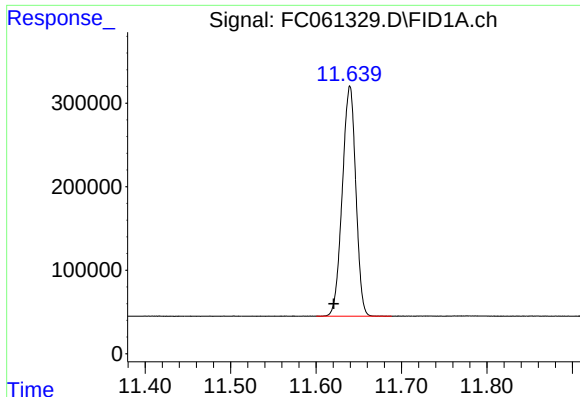
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: 0.018 min
Response: 2759342
Conc: 17.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: 0.017 min
Response: 2773296
Conc: 17.58 ug/ml



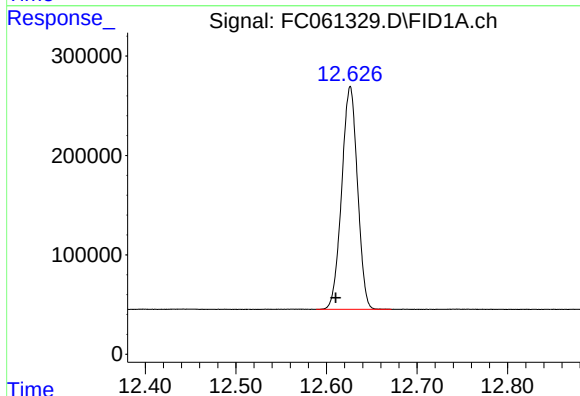
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: 0.019 min
Response: 3027682
Conc: 17.10 ug/ml

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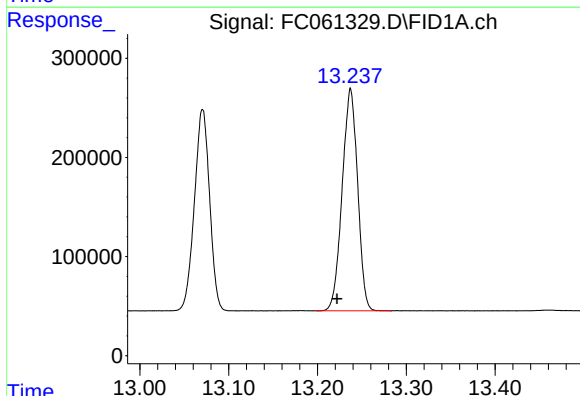
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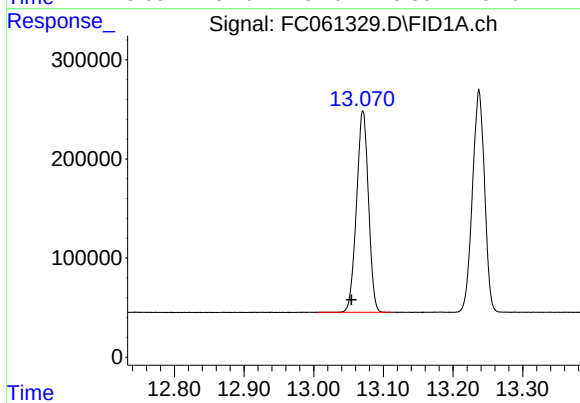
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.016 min
Response: 2719630
Conc: 17.49 ug/ml



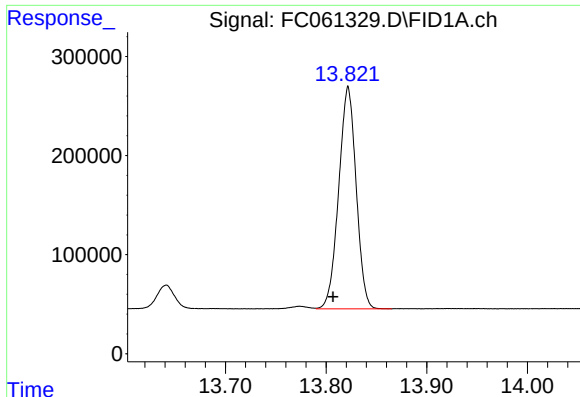
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: 0.015 min
Response: 2708968
Conc: 17.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.071 min
Delta R.T.: 0.016 min
Response: 2420763
Conc: 17.28 ug/ml



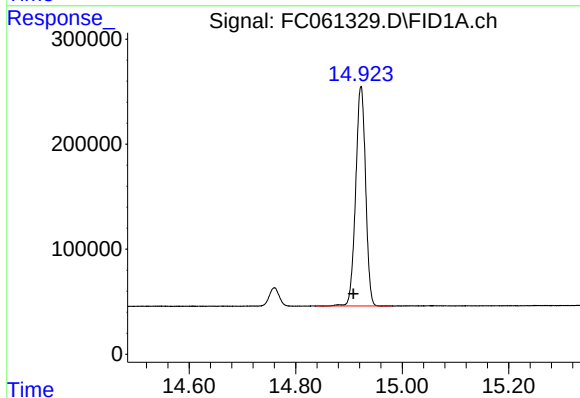
#13 n-Docosane (C22)

R.T.: 13.822 min
Delta R.T.: 0.015 min
Response: 2698039
Conc: 17.39 ug/ml

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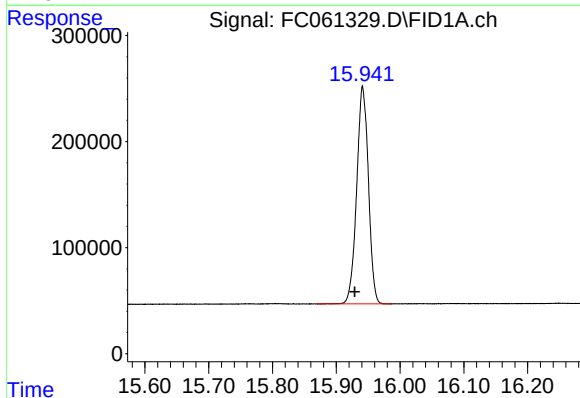
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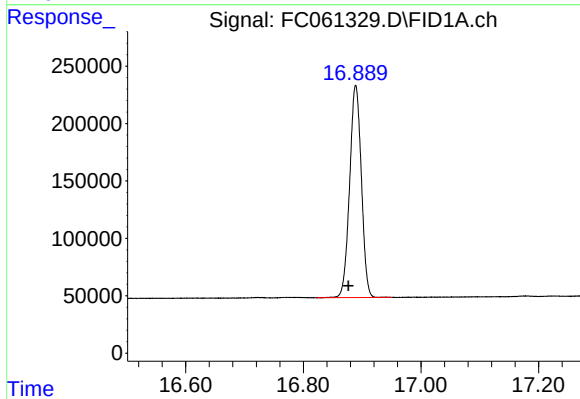
#14 n-Tetracosane (C24)

R.T.: 14.923 min
Delta R.T.: 0.014 min
Response: 2706213
Conc: 17.49 ug/ml



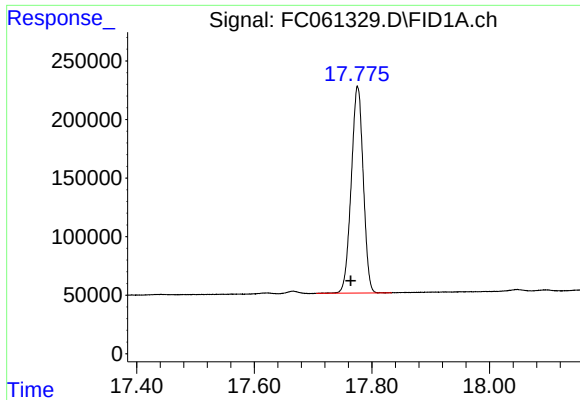
#15 n-Hexacosane (C26)

R.T.: 15.942 min
Delta R.T.: 0.013 min
Response: 2619466
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: 0.013 min
Response: 2557518
Conc: 17.32 ug/ml



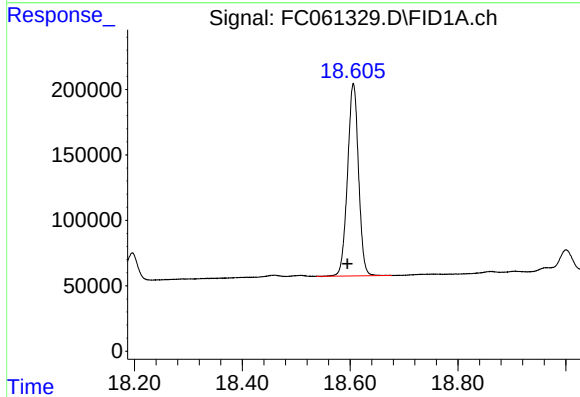
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: 0.012 min
Response: 2501799
Conc: 18.11 ug/ml

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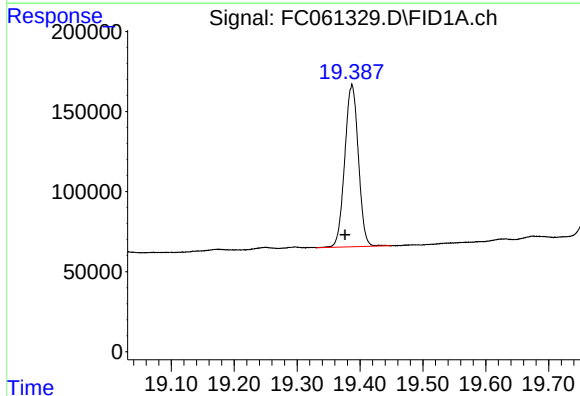
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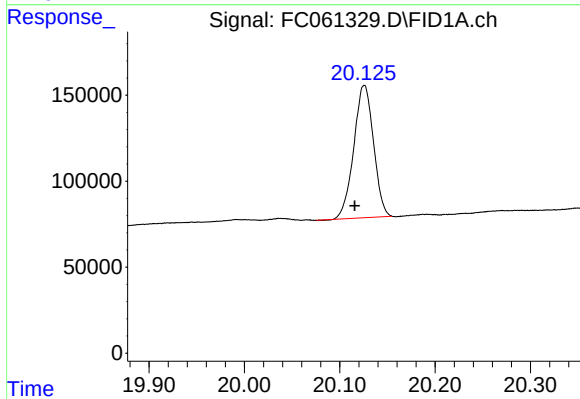
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: 0.011 min
Response: 2086679
Conc: 19.01 ug/ml



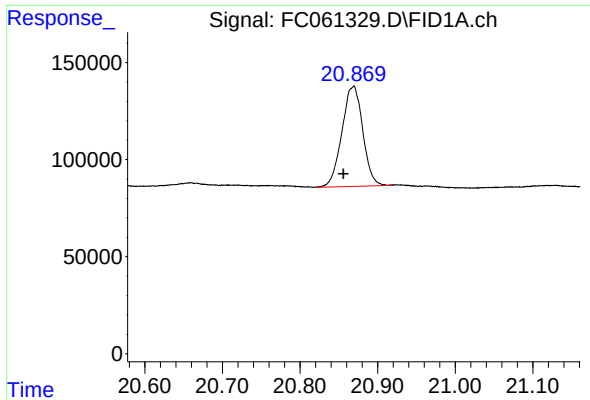
#19 n-Tetratriacontane (C34)

R.T.: 19.387 min
Delta R.T.: 0.011 min
Response: 1519544
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: 0.010 min
Response: 1107841
Conc: 19.62 ug/ml



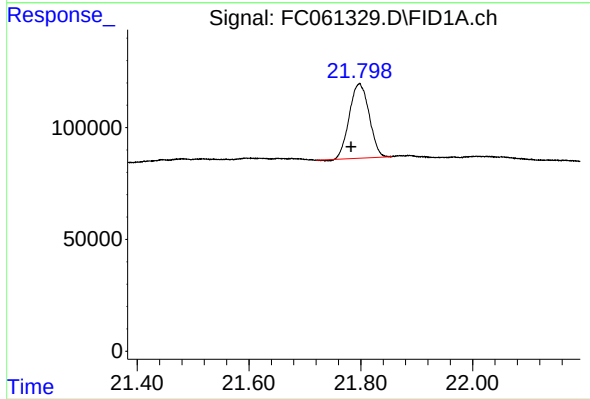
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.013 min
Response: 963522
Conc: 20.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: 0.015 min
Response: 817176
Conc: 19.48 ug/ml