

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112123AL\
 Data File : FC065271.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 19:04
 Operator : YP/AJ
 Sample : 05485-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.508	8212880	37.317 ug/ml
Spiked Amount 50.000		Recovery =	74.63%
12) S 1-chlorooctadecane (S...	12.940	6279952	39.725 ug/ml
Spiked Amount 50.000		Recovery =	79.45%
Target Compounds			
1) T n-Nonane (C9)	3.310	6406482	33.885 ug/ml
2) T n-Decane (C10)	4.369	7157086	37.640 ug/ml
3) T A~Naphthalene (C11.7)	5.947	8124855	42.081 ug/ml
4) T n-Dodecane (C12)	6.378	7816013	40.461 ug/ml
5) T A~2-methylnaphthalene...	7.002	8227531	44.772 ug/ml
6) T n-Tetradecane (C14)	8.167	8387994	44.454 ug/ml
7) T n-Hexadecane (C16)	9.761	8866950	46.909 ug/ml
8) T n-Octadecane (C18)	11.196	9078721	48.105 ug/ml
10) T n-Eicosane (C20)	12.499	9027651	50.215 ug/ml
11) T n-Heneicosane (C21)	13.107	8512000	48.482 ug/ml
13) T n-Docosane (C22)	13.690	8316439	48.416 ug/ml
14) T n-Tetracosane (C24)	14.783	16176075	97.121 ug/ml
15) T n-Hexacosane (C26)	15.807	7852110	48.920 ug/ml
16) T n-Octacosane (C28)	16.752	7849266	50.155 ug/ml
17) T n-Tricontane (C30)	17.637	7794975	49.213 ug/ml
18) T n-Dotriacontane (C32)	18.462	7401183	46.874 ug/ml
19) T n-Tetratriacontane (C34)	19.244	7235503	47.402 ug/ml
20) T n-Hexatriacontane (C36)	19.979	6841417	45.343 ug/mlm
21) T n-Octatriacontane (C38)	20.700	6597339	44.332 ug/ml
22) T n-Tetracontane (C40)	21.577	6559592	44.599 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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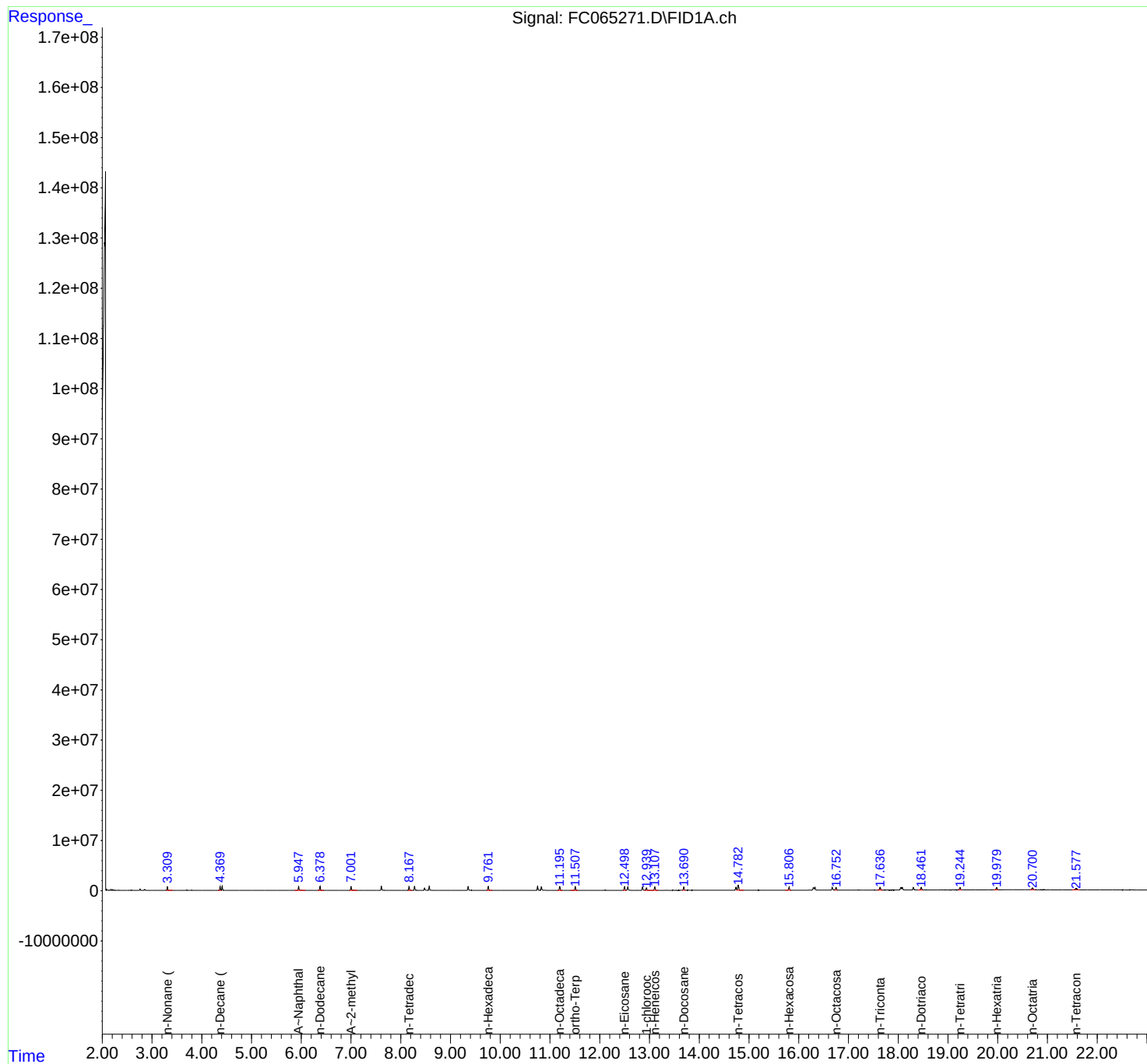
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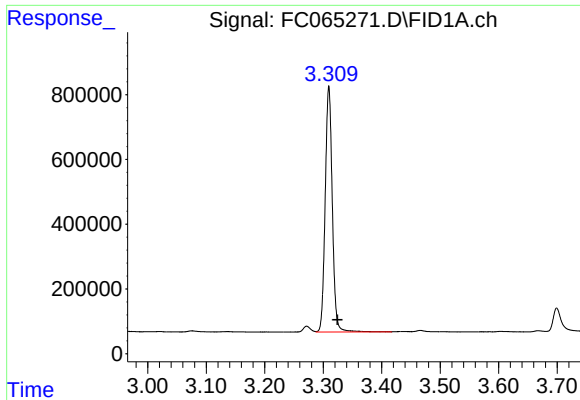
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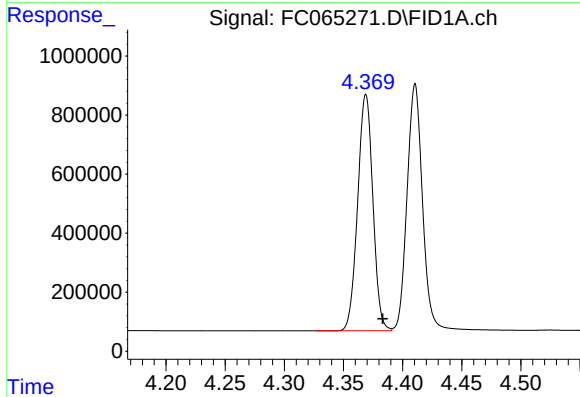
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 6406482
Conc: 33.89 ug/ml

Instrument :
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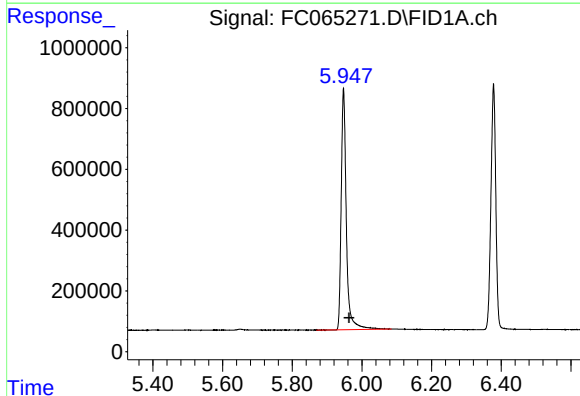
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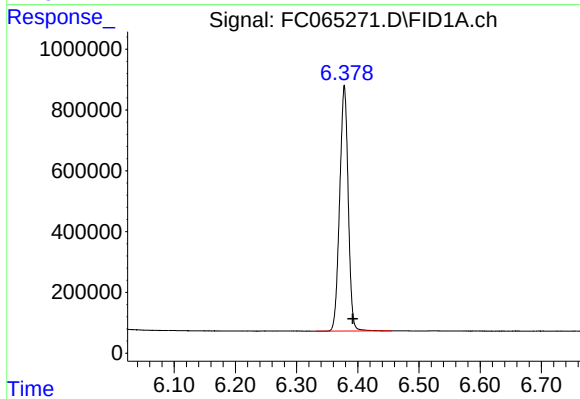
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 7157086
Conc: 37.64 ug/ml



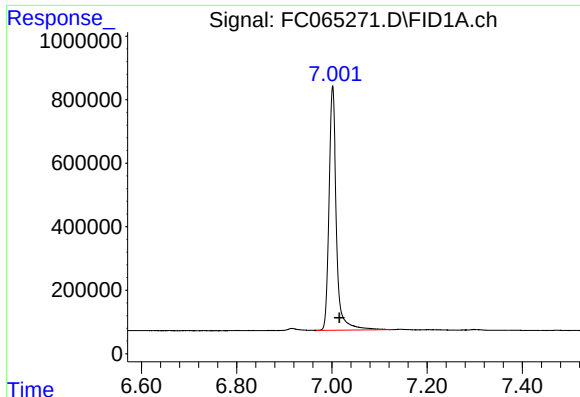
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 8124855
Conc: 42.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 7816013
Conc: 40.46 ug/ml



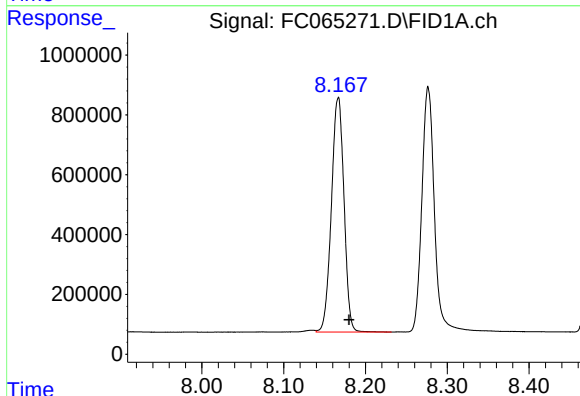
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.014 min
Response: 8227531
Conc: 44.77 ug/ml

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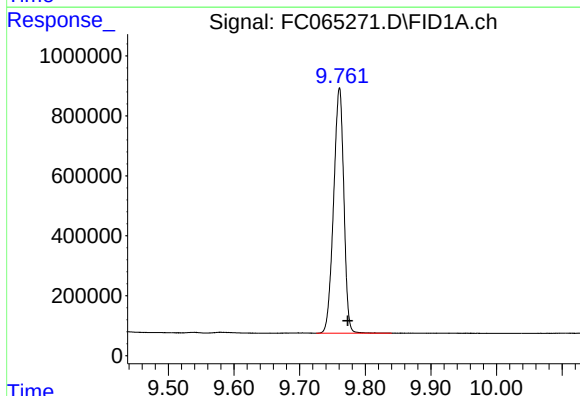
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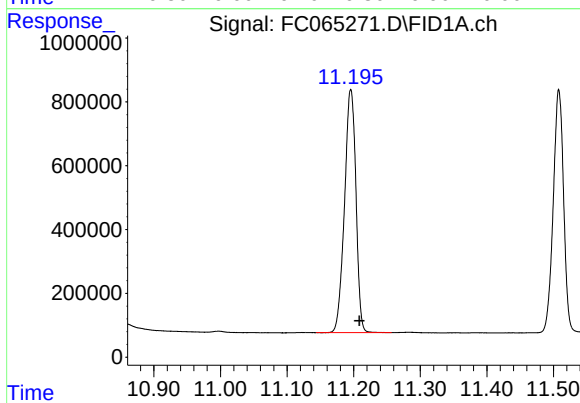
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 8387994
Conc: 44.45 ug/ml



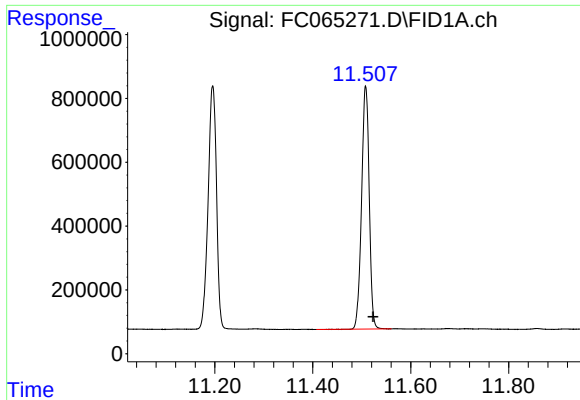
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.012 min
Response: 8866950
Conc: 46.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.013 min
Response: 9078721
Conc: 48.10 ug/ml



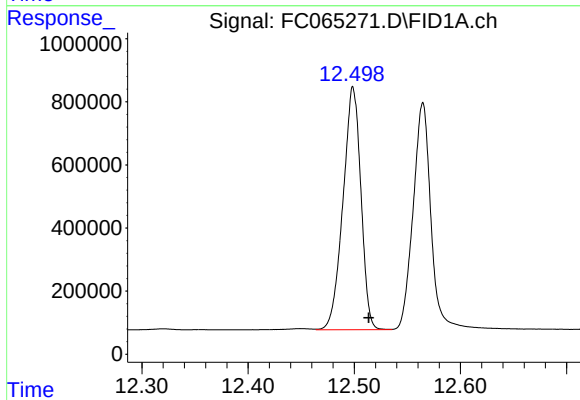
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.015 min
Response: 8212880
Conc: 37.32 ug/ml

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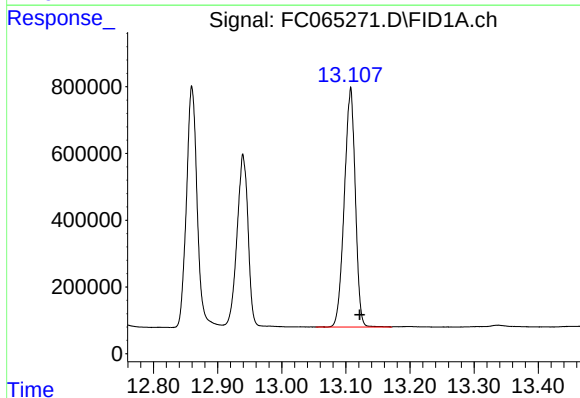
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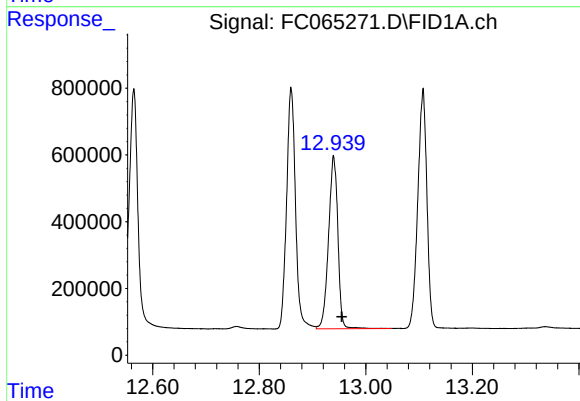
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.015 min
Response: 9027651
Conc: 50.21 ug/ml



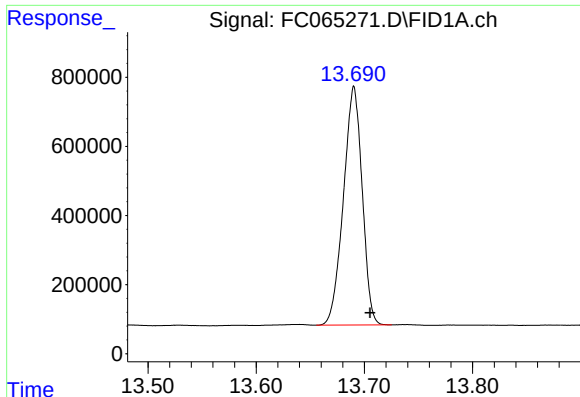
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 8512000
Conc: 48.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 6279952
Conc: 39.73 ug/ml



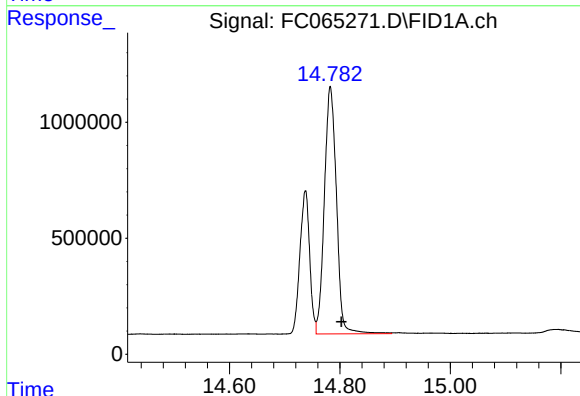
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: -0.015 min
Response: 8316439
Conc: 48.42 ug/ml

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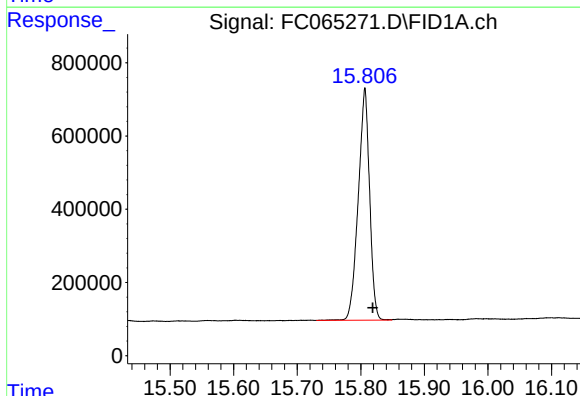
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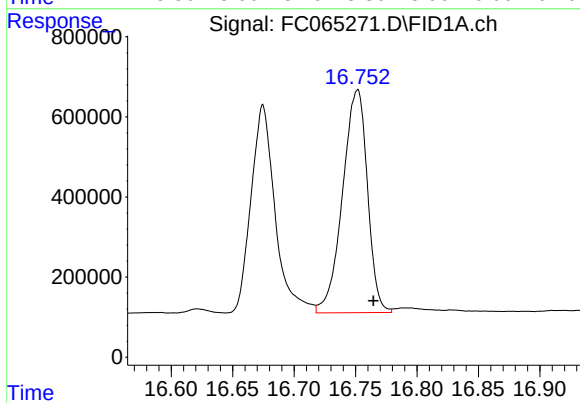
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.020 min
Response: 16176075
Conc: 97.12 ug/ml



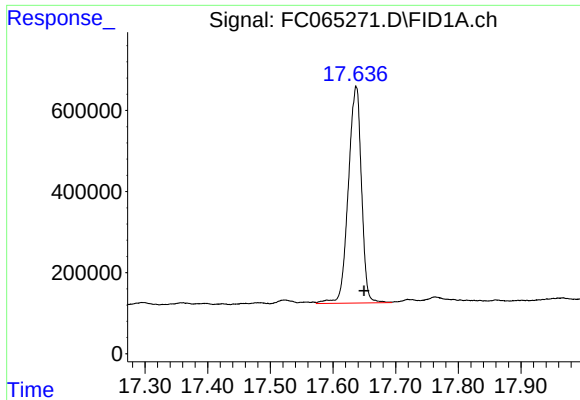
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 7852110
Conc: 48.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.013 min
Response: 7849266
Conc: 50.15 ug/ml



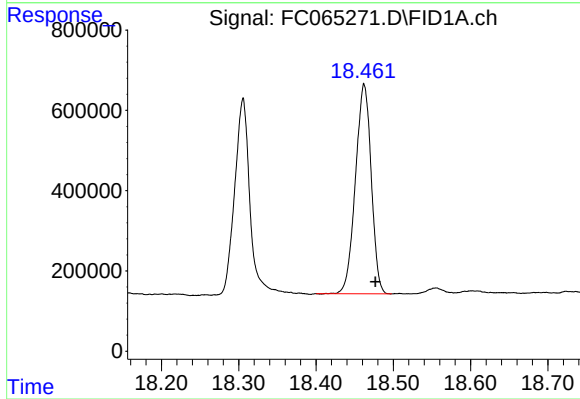
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 7794975
Conc: 49.21 ug/ml

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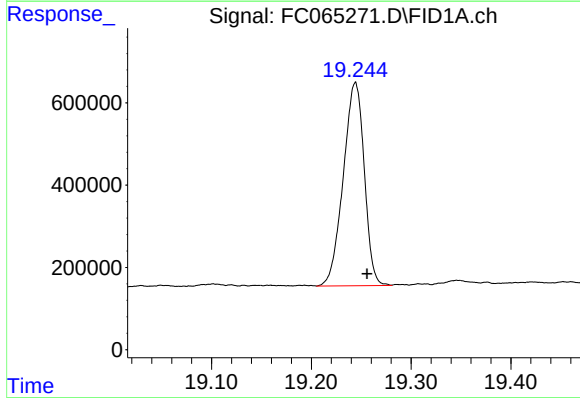
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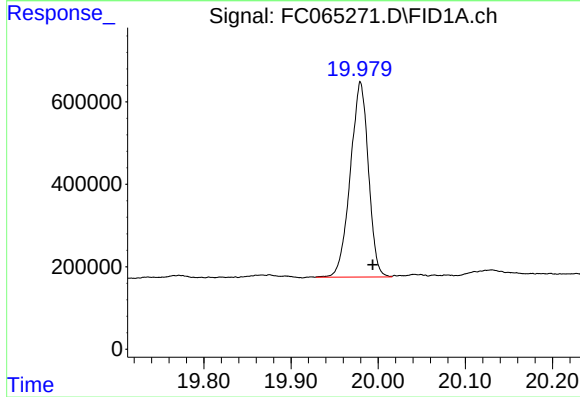
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.014 min
Response: 7401183
Conc: 46.87 ug/ml



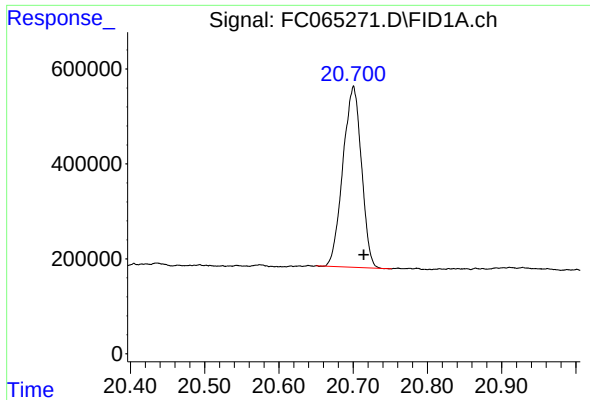
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 7235503
Conc: 47.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.015 min
Response: 6841417
Conc: 45.34 ug/ml m



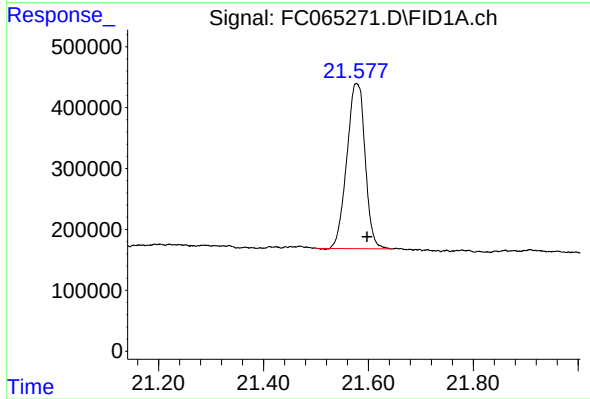
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 6597339
Conc: 44.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.021 min
Response: 6559592
Conc: 44.60 ug/ml