

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112522AL\
 Data File : FC062294.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2022 05:40
 Operator : YP/AJ
 Sample : N5641-09MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOIL-PILE-9MSD

Integration File: autoint1.e
 Quant Time: Nov 28 00:19:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 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			
12) S 1-chlorooctadecane (S...	13.033	3981874	39.172 ug/ml
Spiked Amount 50.000		Recovery =	78.34%
Target Compounds			
1) T n-Nonane (C9)	3.342	3684084	26.470 ug/ml
2) T n-Decane (C10)	4.411	4316186	31.901 ug/ml
4) T n-Dodecane (C12)	6.434	4878299	36.516 ug/ml
6) T n-Tetradecane (C14)	8.233	4981020	38.156 ug/ml
7) T n-Hexadecane (C16)	9.836	5280966	40.733 ug/ml
8) T n-Octadecane (C18)	11.279	5391041	42.220 ug/ml
10) T n-Eicosane (C20)	12.589	5069752	41.707 ug/ml
11) T n-Heneicosane (C21)	13.201	4946091	41.038 ug/ml
13) T n-Docosane (C22)	13.787	4884426	41.434 ug/ml
14) T n-Tetracosane (C24)	14.890	4734713	41.147 ug/ml
15) T n-Hexacosane (C26)	15.911	4612602	41.397 ug/ml
16) T n-Octacosane (C28)	16.860	4498770	41.031 ug/ml
17) T n-Tricontane (C30)	17.746	4471386	40.831 ug/ml
18) T n-Dotriacontane (C32)	18.578	4543318	41.136 ug/ml
19) T n-Tetratriacontane (C34)	19.361	4541380	41.536 ug/ml
20) T n-Hexatriacontane (C36)	20.100	4325842	41.275 ug/ml
21) T n-Octatriacontane (C38)	20.842	4332938	41.865 ug/ml
22) T n-Tetracontane (C40)	21.765	4265879	41.556 ug/ml

(f)=RT Delta > 1/2 Window

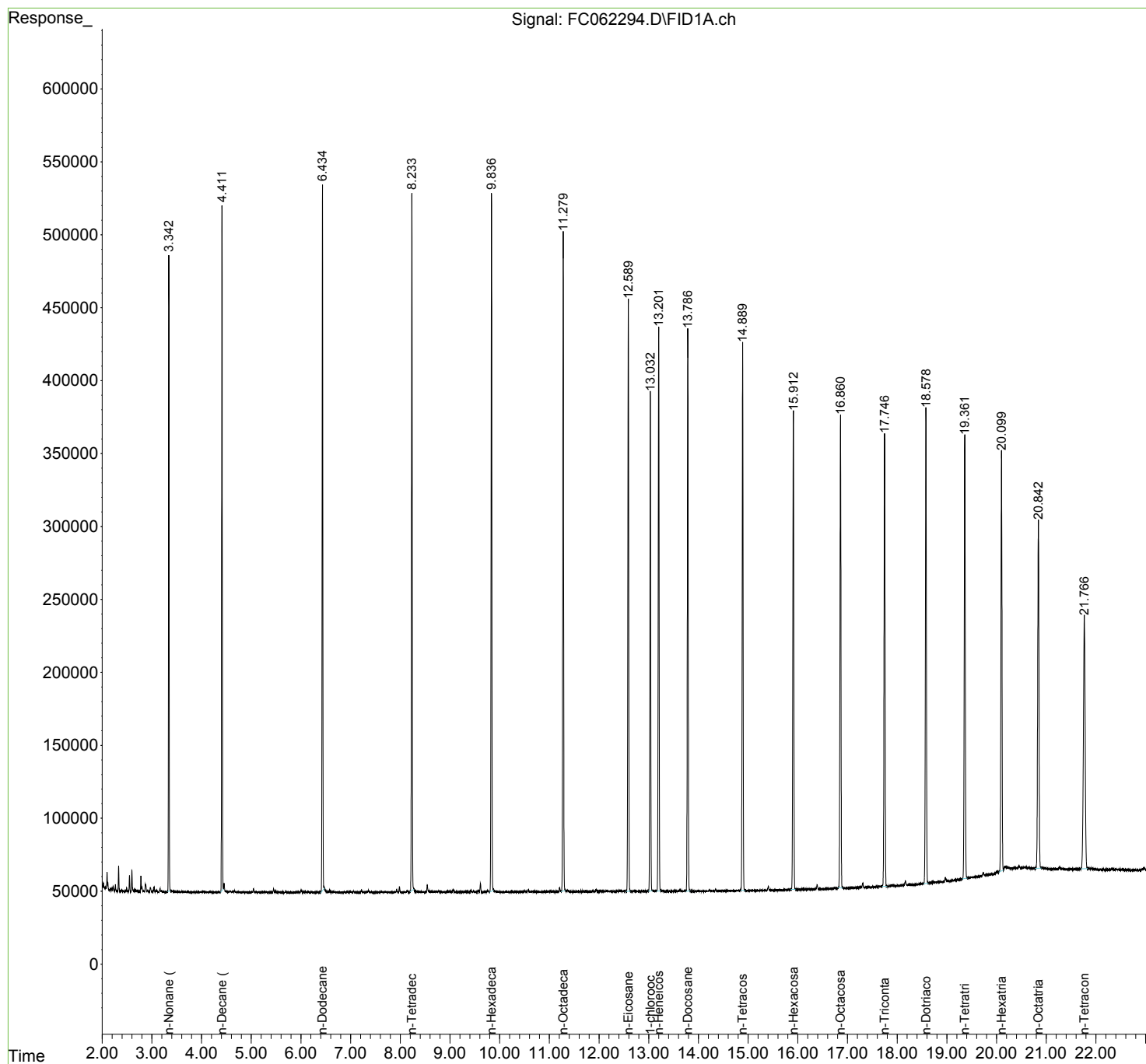
(m)=manual int.

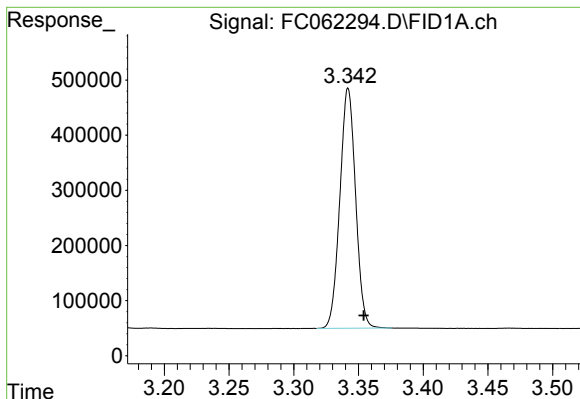
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112522AL\
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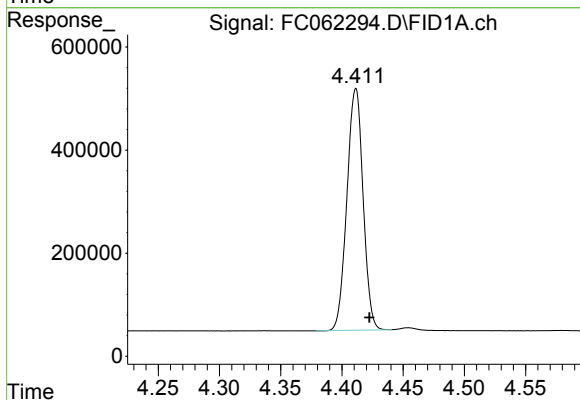




#1 n-Nonane (C9)

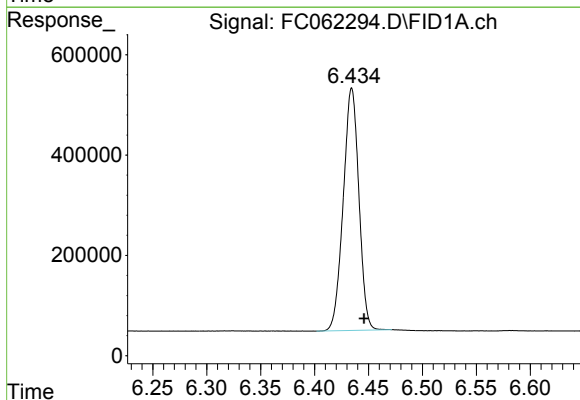
R.T.: 3.342 min
Delta R.T.: -0.012 min
Response: 3684084
Conc: 26.47 ug/ml

Instrument :
FID_C
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SOIL-PILE-9MSD



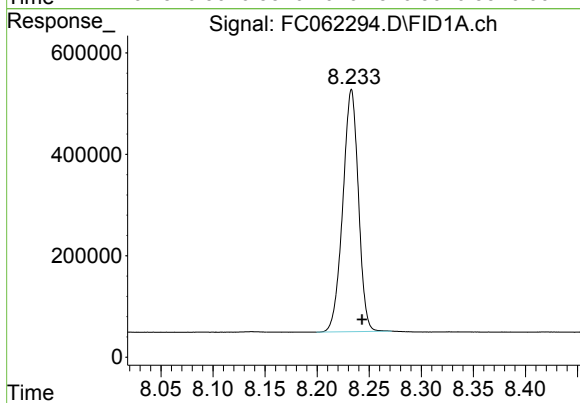
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.011 min
Response: 4316186
Conc: 31.90 ug/ml



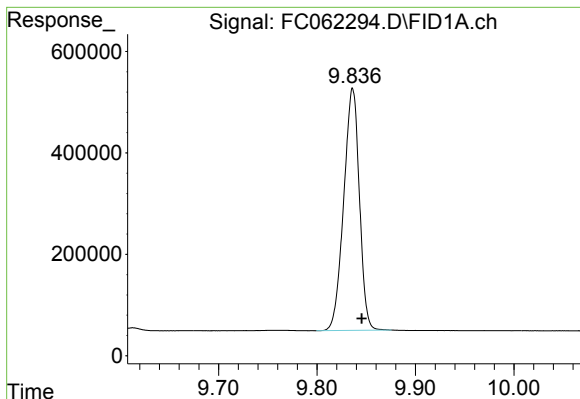
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.011 min
Response: 4878299
Conc: 36.52 ug/ml



#6 n-Tetradecane (C14)

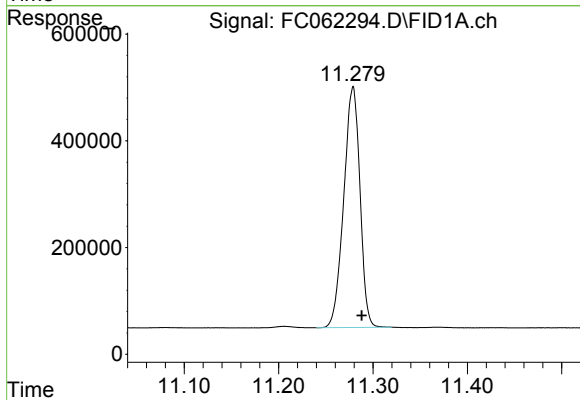
R.T.: 8.233 min
Delta R.T.: -0.010 min
Response: 4981020
Conc: 38.16 ug/ml



#7 n-Hexadecane (C16)

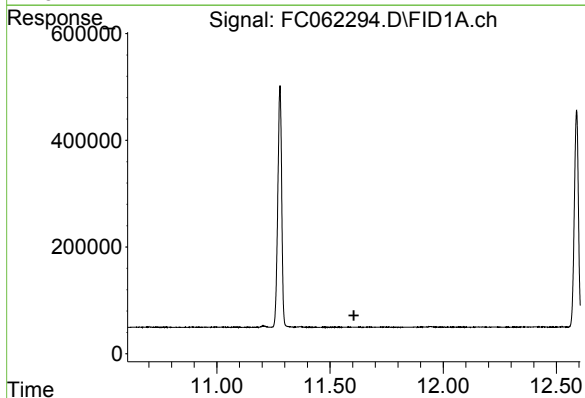
R.T.: 9.836 min
Delta R.T.: -0.009 min
Response: 5280966
Conc: 40.73 ug/ml

Instrument :
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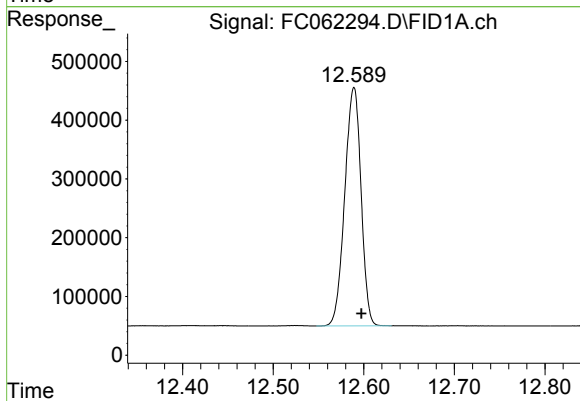
#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: -0.009 min
Response: 5391041
Conc: 42.22 ug/ml



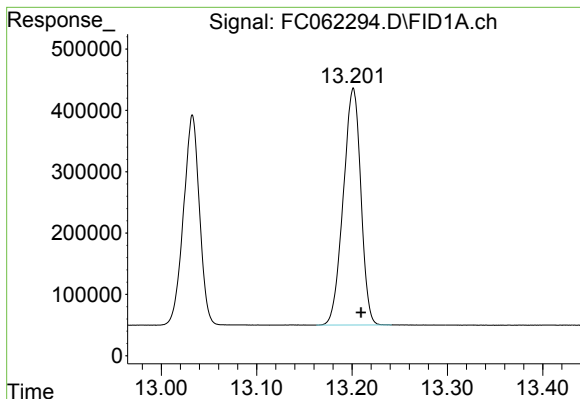
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.605 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

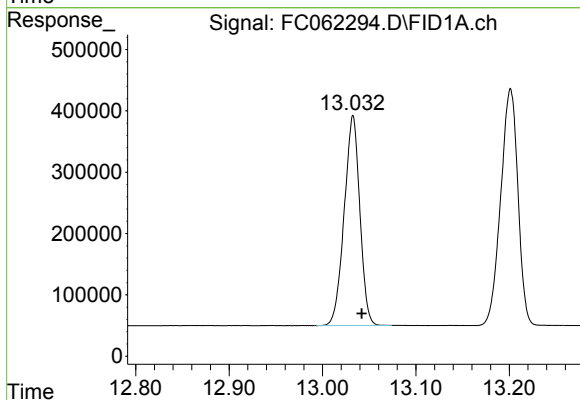
R.T.: 12.589 min
Delta R.T.: -0.008 min
Response: 5069752
Conc: 41.71 ug/ml



#11 n-Heneicosane (C21)

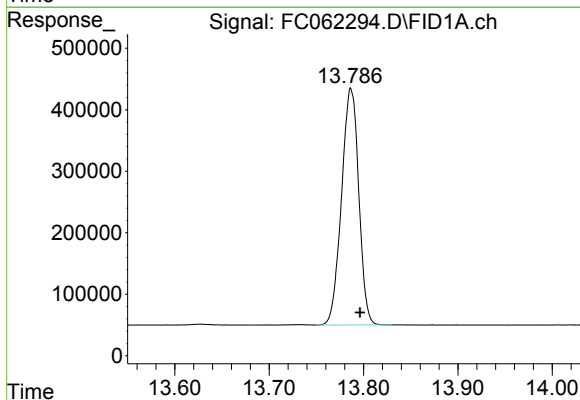
R.T.: 13.201 min
Delta R.T.: -0.008 min
Response: 4946091
Conc: 41.04 ug/ml

Instrument :
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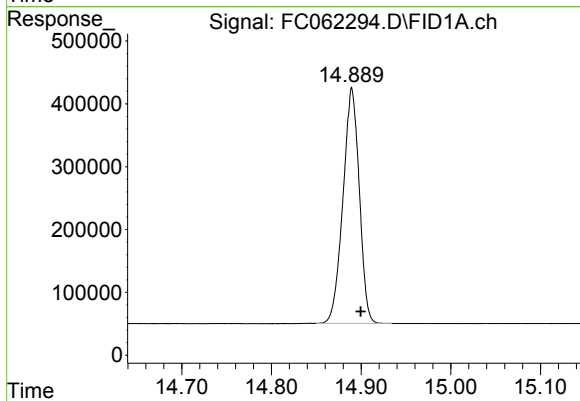
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.009 min
Response: 3981874
Conc: 39.17 ug/ml



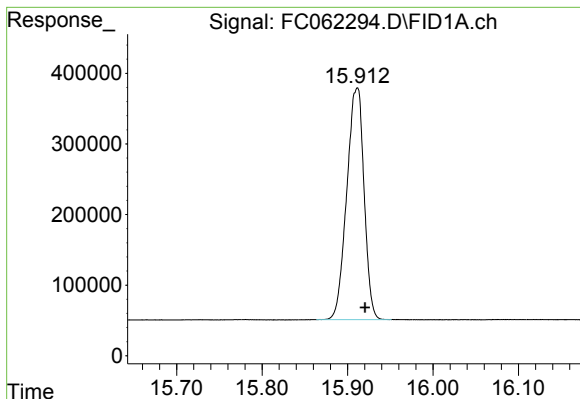
#13 n-Docosane (C22)

R.T.: 13.787 min
Delta R.T.: -0.010 min
Response: 4884426
Conc: 41.43 ug/ml



#14 n-Tetracosane (C24)

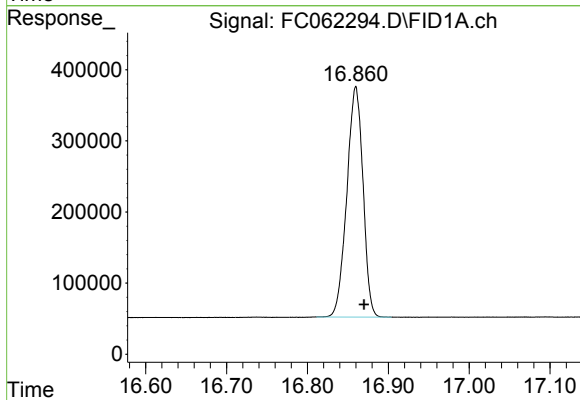
R.T.: 14.890 min
Delta R.T.: -0.010 min
Response: 4734713
Conc: 41.15 ug/ml



#15 n-Hexacosane (C26)

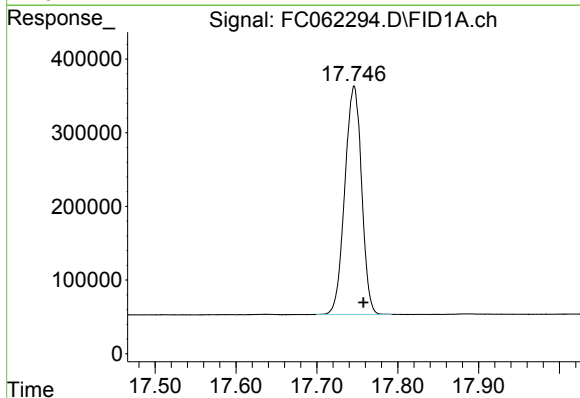
R.T.: 15.911 min
Delta R.T.: -0.009 min
Response: 4612602
Conc: 41.40 ug/ml

Instrument :
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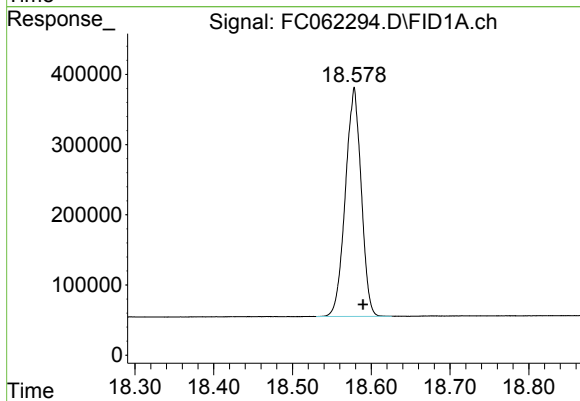
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.010 min
Response: 4498770
Conc: 41.03 ug/ml



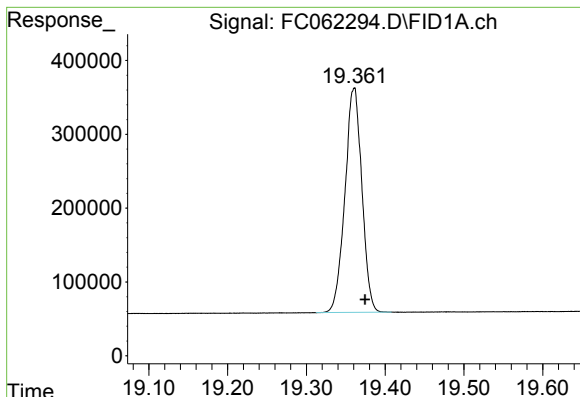
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.011 min
Response: 4471386
Conc: 40.83 ug/ml



#18 n-Dotriacontane (C32)

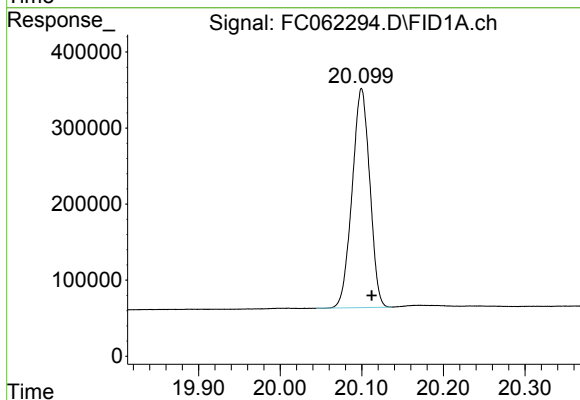
R.T.: 18.578 min
Delta R.T.: -0.011 min
Response: 4543318
Conc: 41.14 ug/ml



#19 n-Tetratriacontane (C34)

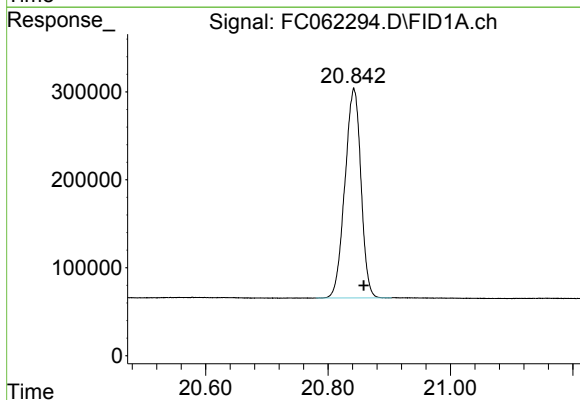
R.T.: 19.361 min
Delta R.T.: -0.014 min
Response: 4541380
Conc: 41.54 ug/ml

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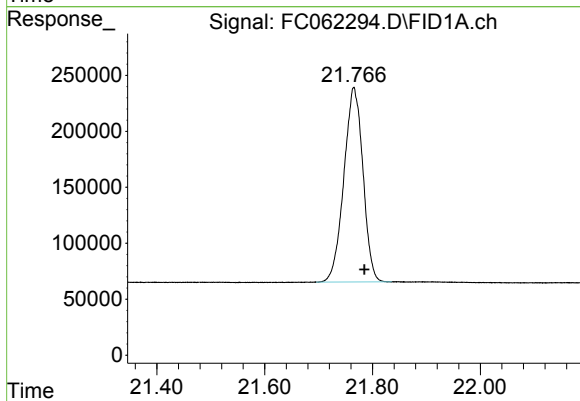
#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: -0.012 min
Response: 4325842
Conc: 41.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: -0.016 min
Response: 4332938
Conc: 41.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.765 min
Delta R.T.: -0.020 min
Response: 4265879
Conc: 41.56 ug/ml