

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068334.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 18:56
 Operator : YP/AJ
 Sample : Q1421-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 P001-CLAY-CF01-01MS

Integration File: autoint1.e
 Quant Time: Mar 05 05:24:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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...	12.839	3447568	30.652 ug/ml
Spiked Amount 50.000		Recovery =	61.30%
Target Compounds			
1) T n-Nonane (C9)	3.205	3952679	28.098 ug/ml
2) T n-Decane (C10)	4.262	4756204	33.572 ug/ml
4) T n-Dodecane (C12)	6.270	5217892	37.070 ug/ml
6) T n-Tetradecane (C14)	8.059	5826405	42.733 ug/ml
7) T n-Hexadecane (C16)	9.655	6354609	46.396 ug/ml
8) T n-Octadecane (C18)	11.093	6605667	48.302 ug/ml
10) T n-Eicosane (C20)	12.400	6724652	51.614 ug/ml
11) T n-Heneicosane (C21)	13.010	6406807	50.113 ug/ml
13) T n-Docosane (C22)	13.596	6355786	50.432 ug/ml
14) T n-Tetracosane (C24)	14.697	6236779	50.144 ug/ml
15) T n-Hexacosane (C26)	15.715	6107881	50.232 ug/ml
16) T n-Octacosane (C28)	16.664	5953830	50.130 ug/ml
17) T n-Tricontane (C30)	17.551	5974819	49.639 ug/ml
18) T n-Dotriacontane (C32)	18.382	5932634	51.114 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5900054	54.600 ug/ml
20) T n-Hexatriacontane (C36)	19.904	5653625	58.789 ug/ml
21) T n-Octatriacontane (C38)	20.616	5491943	61.091 ug/ml
22) T n-Tetracontane (C40)	21.472	5316432	61.447 ug/ml

(f)=RT Delta > 1/2 Window

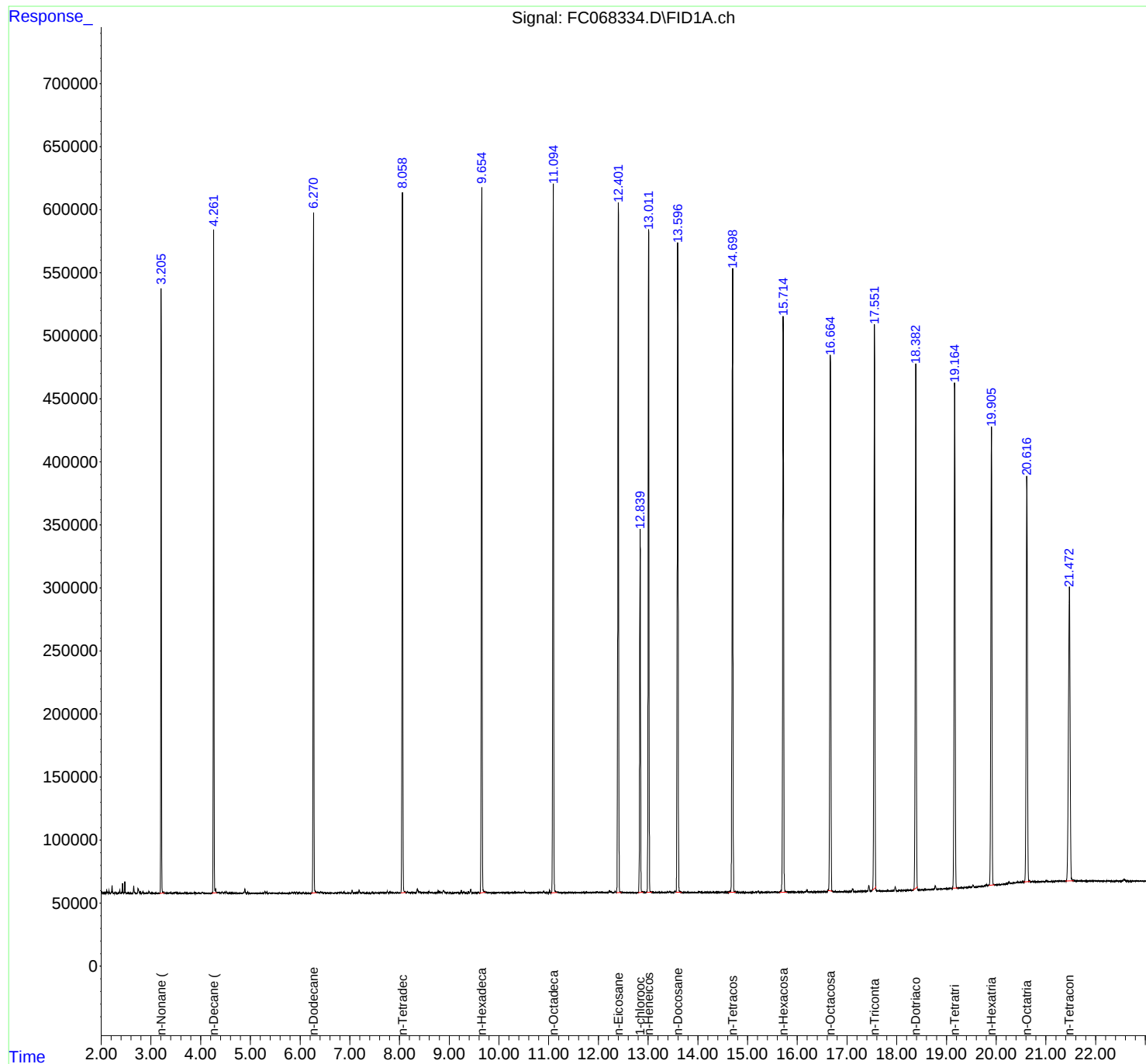
(m)=manual int.

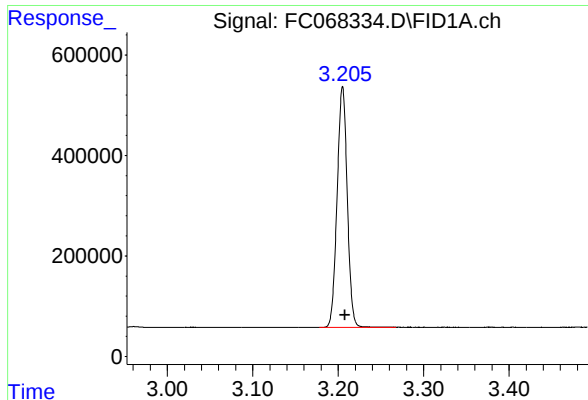
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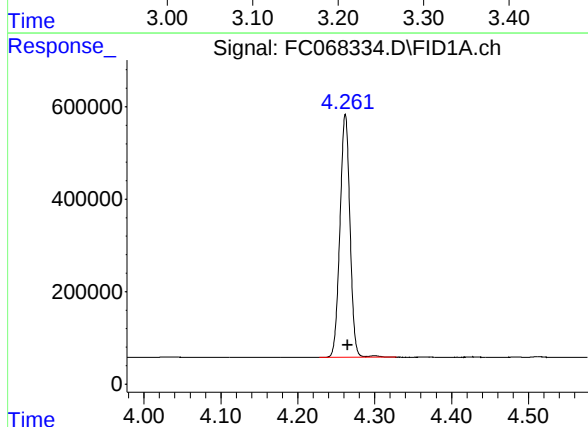




#1 n-Nonane (C9)

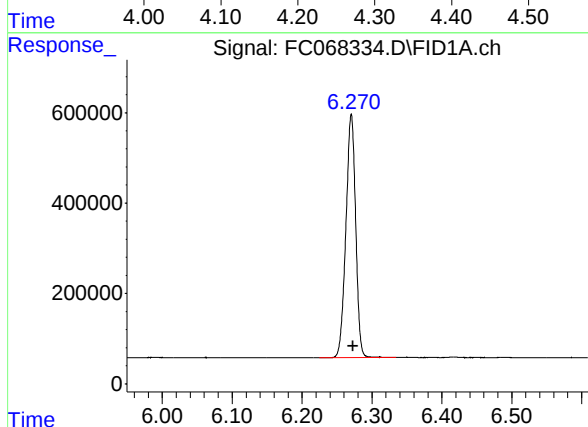
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 3952679
Conc: 28.10 ug/ml

Instrument :
FID_C
ClientSampleId :
P001-CLAY-CF01-01MS



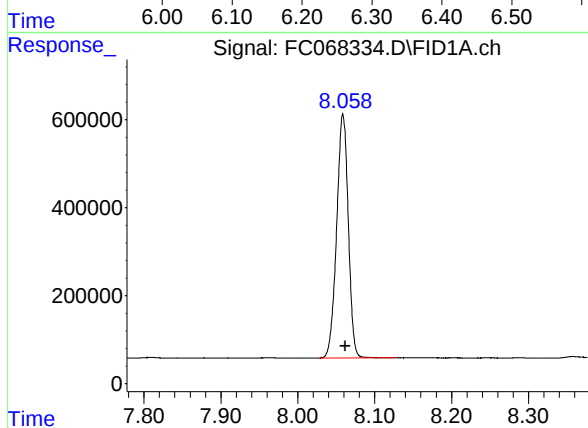
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 4756204
Conc: 33.57 ug/ml



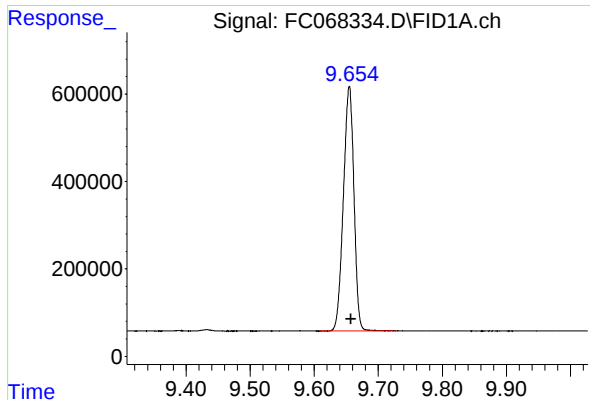
#4 n-Dodecane (C12)

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 5217892
Conc: 37.07 ug/ml



#6 n-Tetradecane (C14)

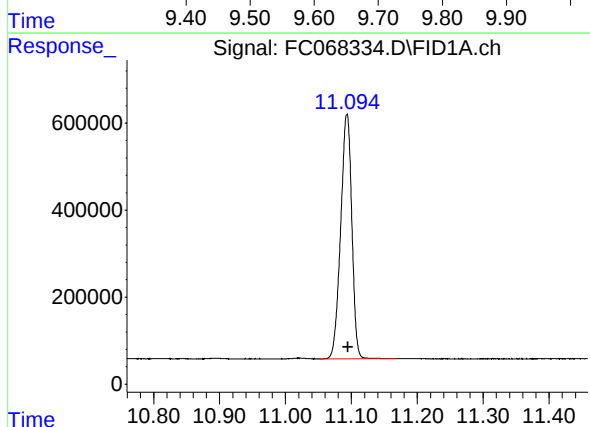
R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 5826405
Conc: 42.73 ug/ml



#7 n-Hexadecane (C16)

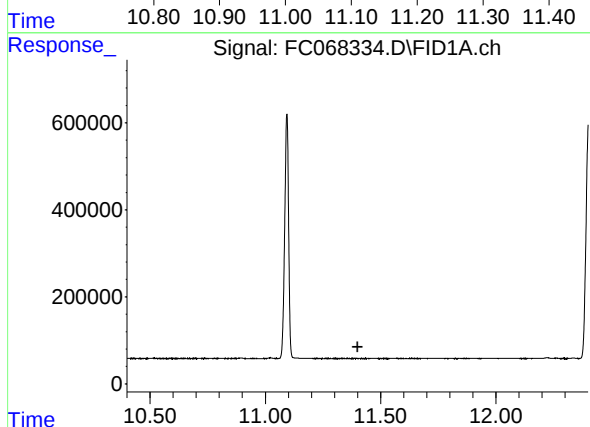
R.T.: 9.655 min
Delta R.T.: -0.003 min
Response: 6354609
Conc: 46.40 ug/ml

Instrument :
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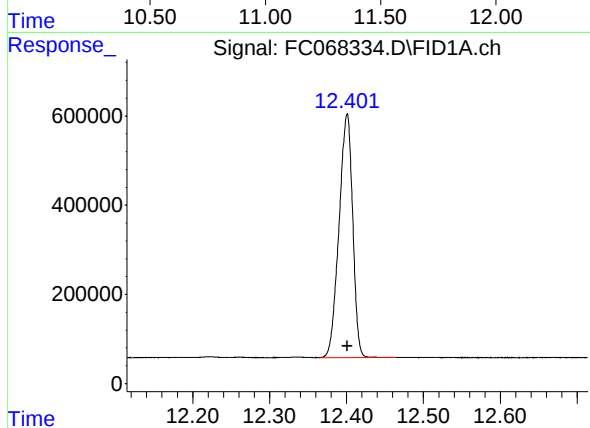
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: -0.001 min
Response: 6605667
Conc: 48.30 ug/ml



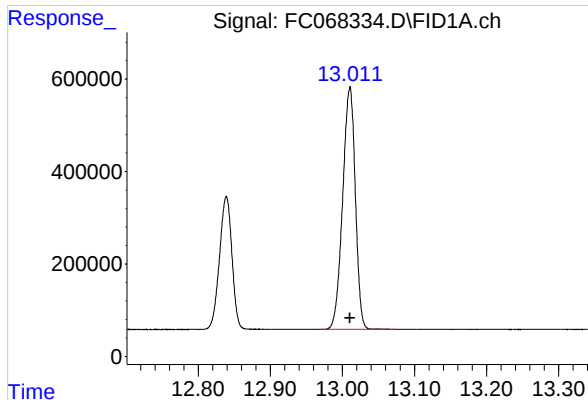
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

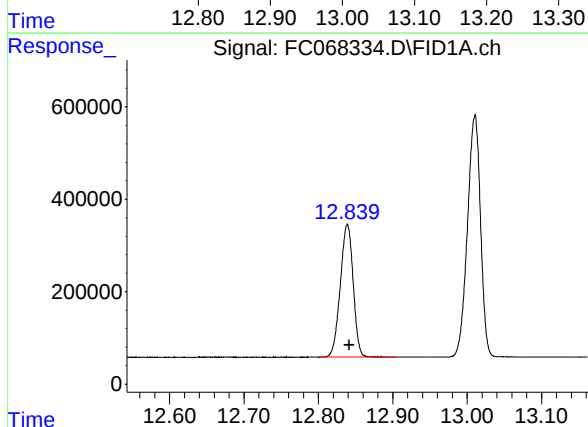
R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 6724652
Conc: 51.61 ug/ml



#11 n-Heneicosane (C21)

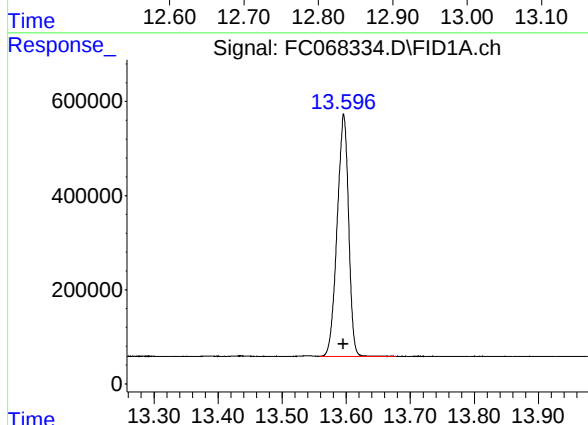
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 6406807
Conc: 50.11 ug/ml

Instrument :
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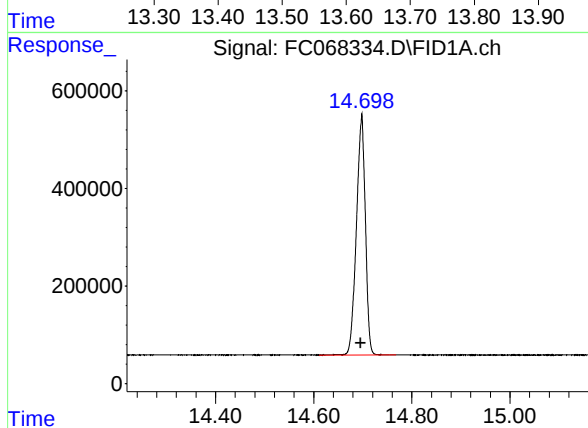
#12 1-chlorooctadecane (SURR)

R.T.: 12.839 min
Delta R.T.: -0.003 min
Response: 3447568
Conc: 30.65 ug/ml



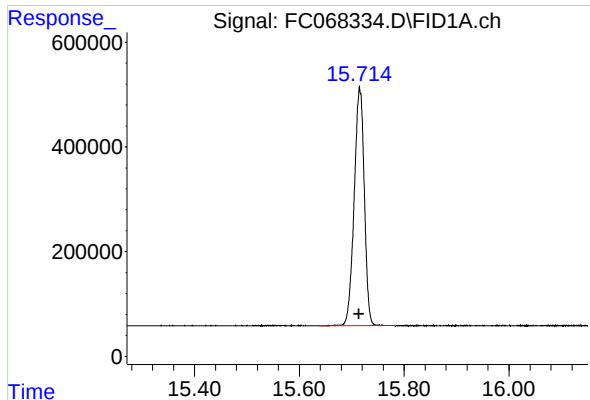
#13 n-Docosane (C22)

R.T.: 13.596 min
Delta R.T.: 0.000 min
Response: 6355786
Conc: 50.43 ug/ml



#14 n-Tetracosane (C24)

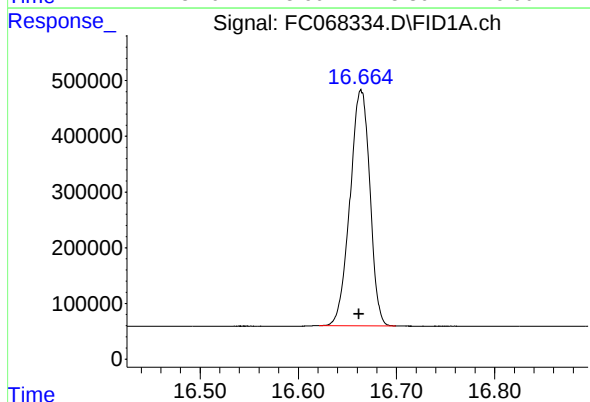
R.T.: 14.697 min
Delta R.T.: 0.001 min
Response: 6236779
Conc: 50.14 ug/ml



#15 n-Hexacosane (C26)

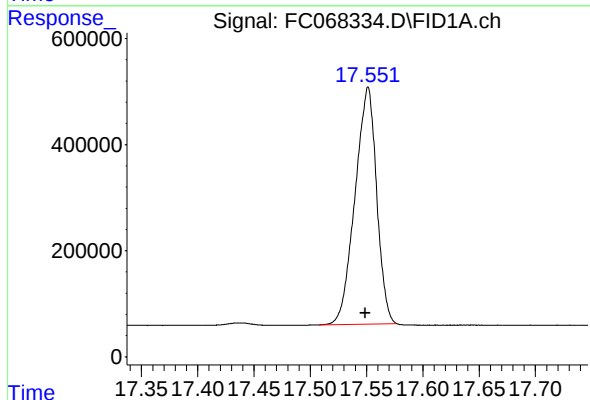
R.T.: 15.715 min
Delta R.T.: 0.001 min
Response: 6107881
Conc: 50.23 ug/ml

Instrument :
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ClientSampleId :
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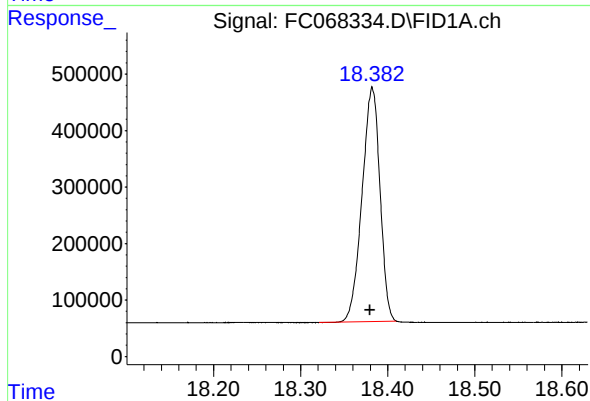
#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: 0.002 min
Response: 5953830
Conc: 50.13 ug/ml



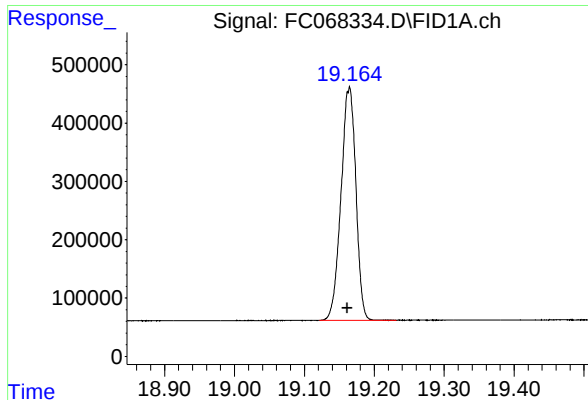
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 5974819
Conc: 49.64 ug/ml



#18 n-Dotriacontane (C32)

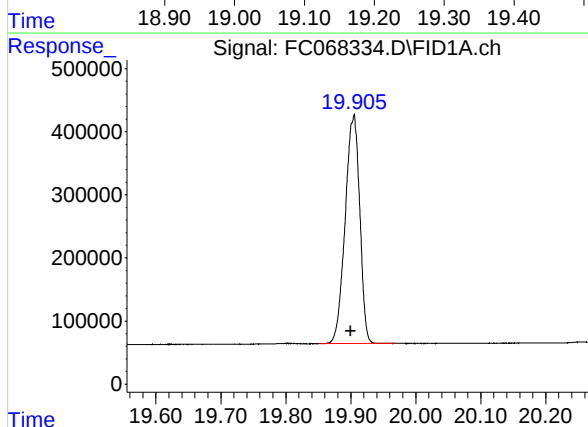
R.T.: 18.382 min
Delta R.T.: 0.002 min
Response: 5932634
Conc: 51.11 ug/ml



#19 n-Tetratriacontane (C34)

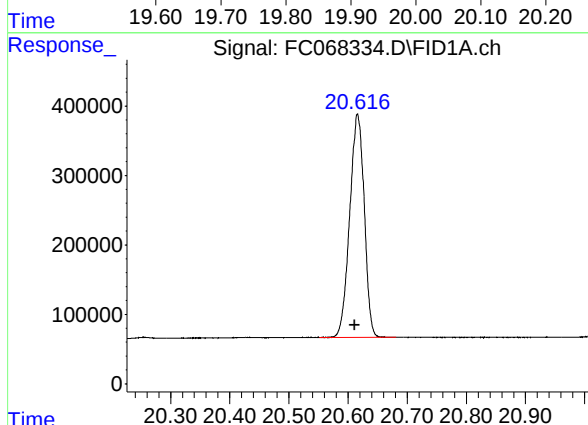
R.T.: 19.164 min
Delta R.T.: 0.003 min
Response: 5900054
Conc: 54.60 ug/ml

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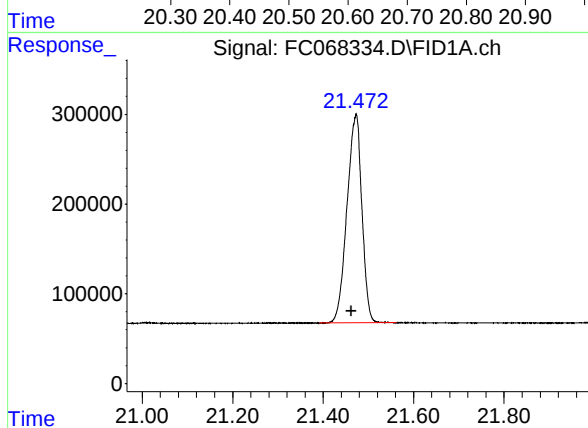
#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: 0.004 min
Response: 5653625
Conc: 58.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 5491943
Conc: 61.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: 0.010 min
Response: 5316432
Conc: 61.45 ug/ml