

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068335.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 19:32
 Operator : YP/AJ
 Sample : Q1421-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Mar 05 05:25:04 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...	12.838	3629508	32.270 ug/ml
Spiked Amount 50.000		Recovery =	64.54%
Target Compounds			
1) T n-Nonane (C9)	3.205	3943747	28.034 ug/ml
2) T n-Decane (C10)	4.261	4754624	33.561 ug/ml
4) T n-Dodecane (C12)	6.270	5235120	37.192 ug/ml
6) T n-Tetradecane (C14)	8.059	5850328	42.909 ug/ml
7) T n-Hexadecane (C16)	9.655	6391300	46.664 ug/ml
8) T n-Octadecane (C18)	11.093	6650779	48.632 ug/ml
10) T n-Eicosane (C20)	12.400	6773133	51.986 ug/ml
11) T n-Heneicosane (C21)	13.010	6452700	50.472 ug/ml
13) T n-Docosane (C22)	13.595	6400679	50.788 ug/ml
14) T n-Tetracosane (C24)	14.696	6277459	50.471 ug/ml
15) T n-Hexacosane (C26)	15.715	6147591	50.559 ug/ml
16) T n-Octacosane (C28)	16.664	5996760	50.492 ug/ml
17) T n-Tricontane (C30)	17.551	6013877	49.963 ug/ml
18) T n-Dotriacontane (C32)	18.382	5975842	51.486 ug/ml
19) T n-Tetratriacontane (C34)	19.164	5937717	54.949 ug/ml
20) T n-Hexatriacontane (C36)	19.904	5683975	59.104 ug/ml
21) T n-Octatriacontane (C38)	20.616	5522915	61.436 ug/ml
22) T n-Tetracontane (C40)	21.469	5359281	61.942 ug/ml

(f)=RT Delta > 1/2 Window

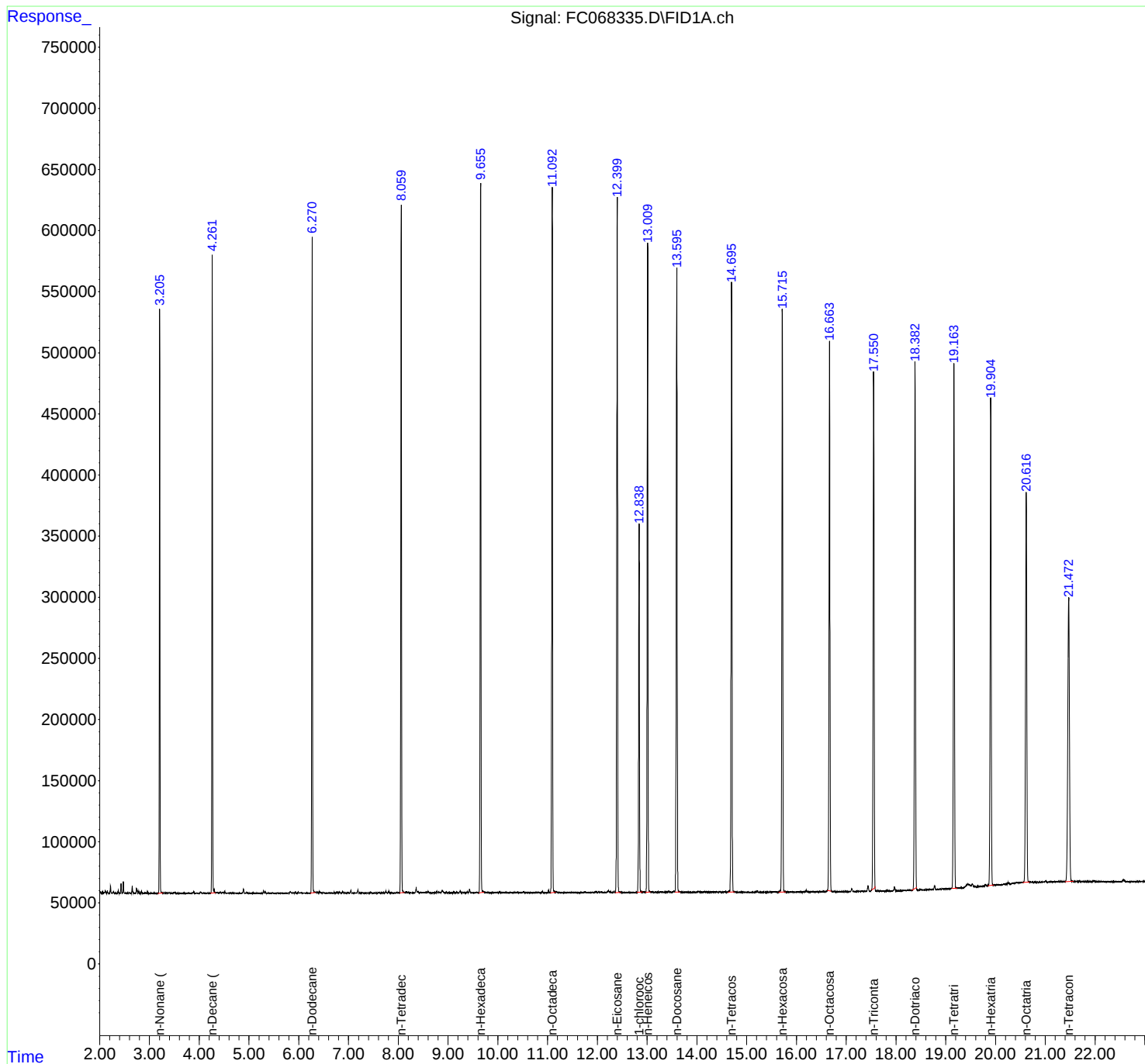
(m)=manual int.

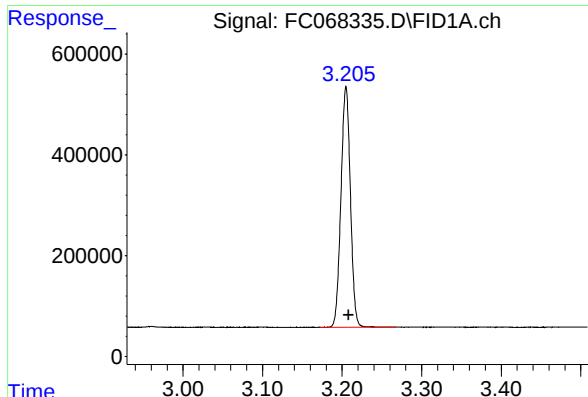
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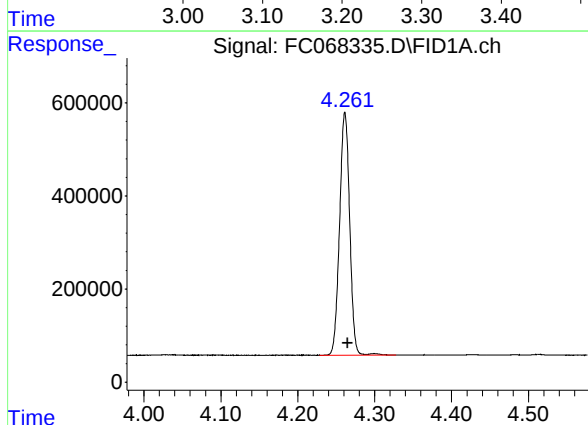




#1 n-Nonane (C9)

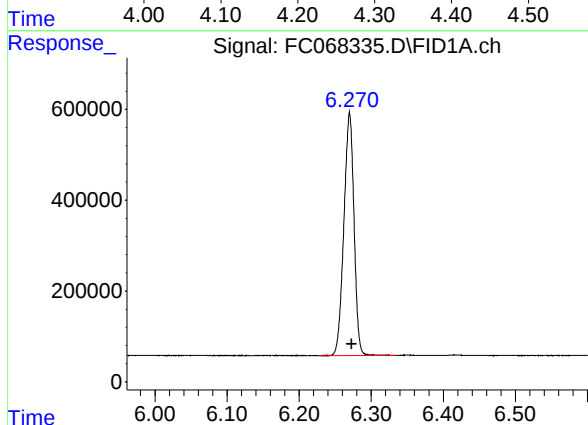
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 3943747
Conc: 28.03 ug/ml

Instrument :
FID_C
ClientSampleId :
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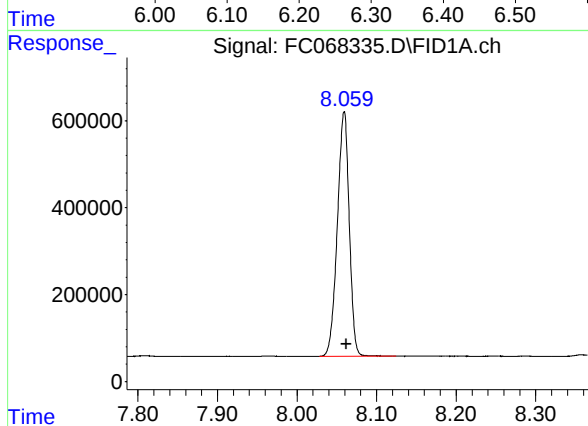
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 4754624
Conc: 33.56 ug/ml



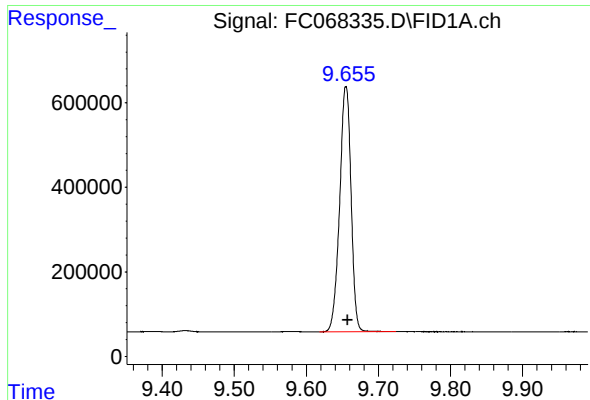
#4 n-Dodecane (C12)

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 5235120
Conc: 37.19 ug/ml



#6 n-Tetradecane (C14)

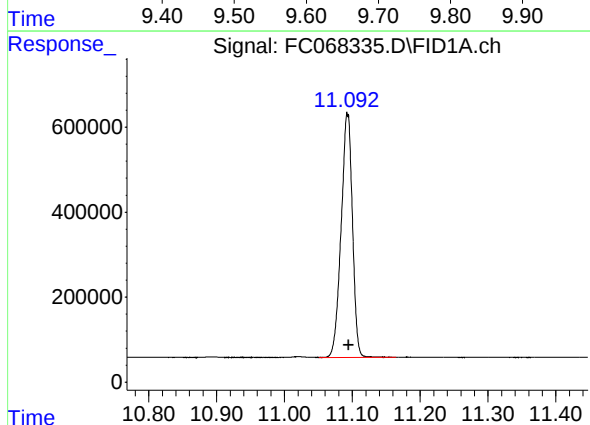
R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 5850328
Conc: 42.91 ug/ml



#7 n-Hexadecane (C16)

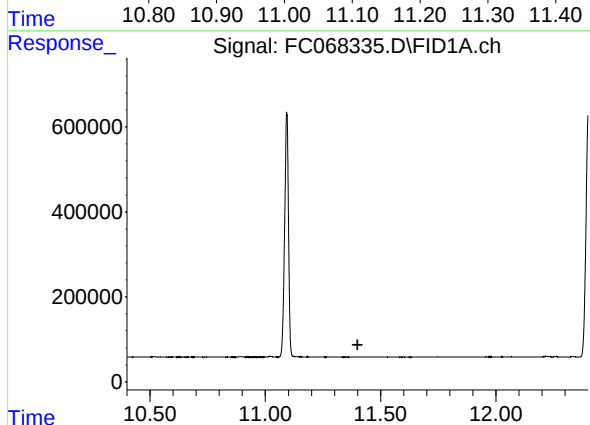
R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 6391300
Conc: 46.66 ug/ml

Instrument :
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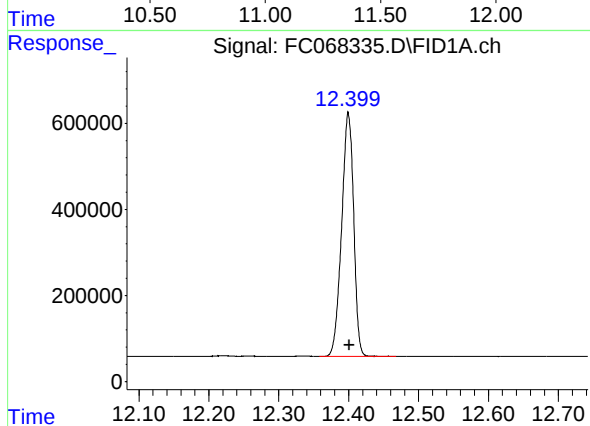
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: -0.002 min
Response: 6650779
Conc: 48.63 ug/ml



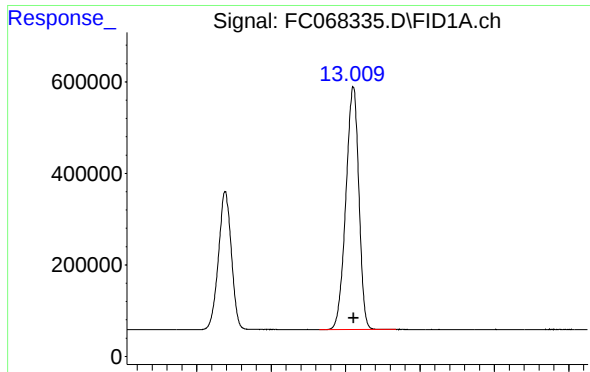
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

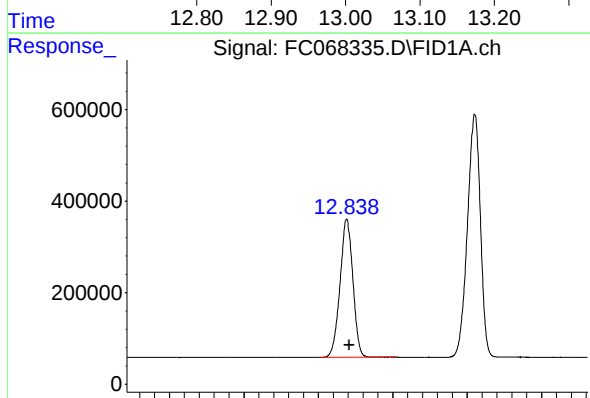
R.T.: 12.400 min
Delta R.T.: -0.001 min
Response: 6773133
Conc: 51.99 ug/ml



#11 n-Heneicosane (C21)

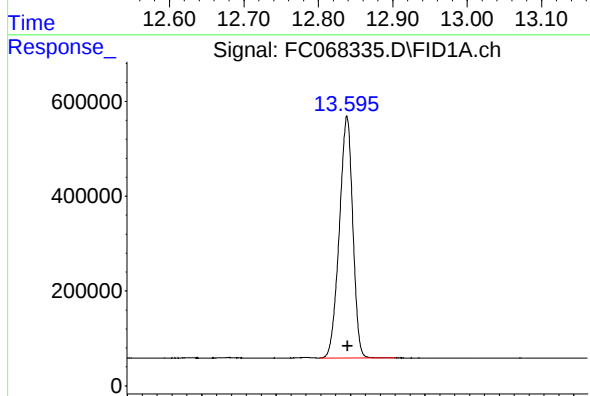
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 6452700
Conc: 50.47 ug/ml

Instrument :
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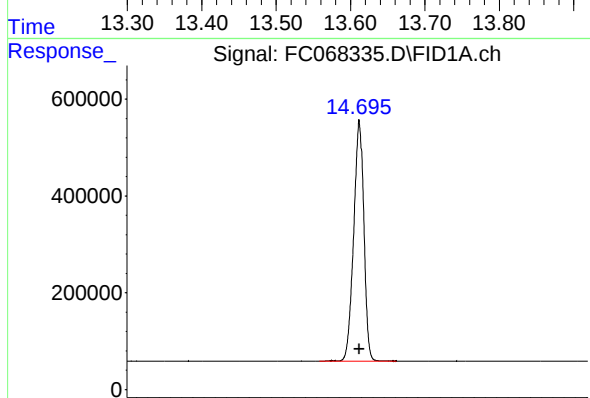
#12 1-chlorooctadecane (SURR)

R.T.: 12.838 min
Delta R.T.: -0.003 min
Response: 3629508
Conc: 32.27 ug/ml



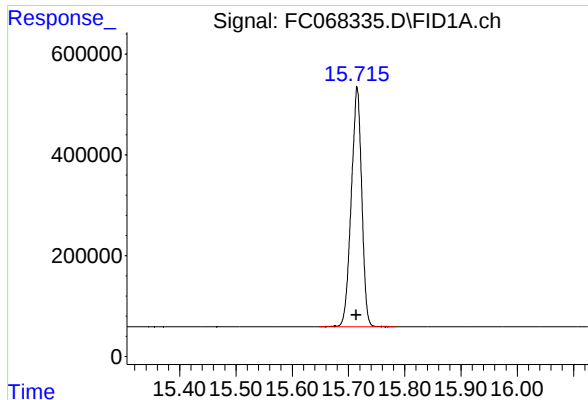
#13 n-Docosane (C22)

R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 6400679
Conc: 50.79 ug/ml



#14 n-Tetracosane (C24)

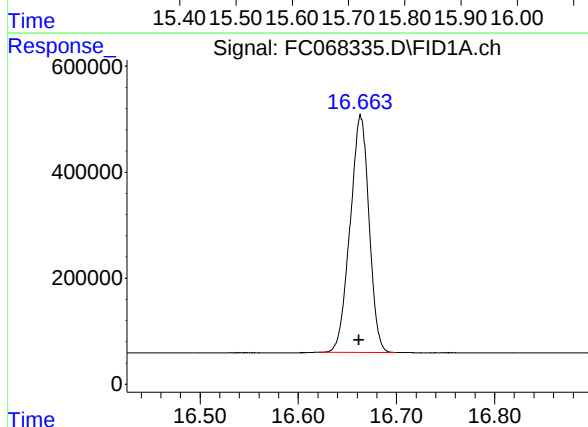
R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 6277459
Conc: 50.47 ug/ml



#15 n-Hexacosane (C26)

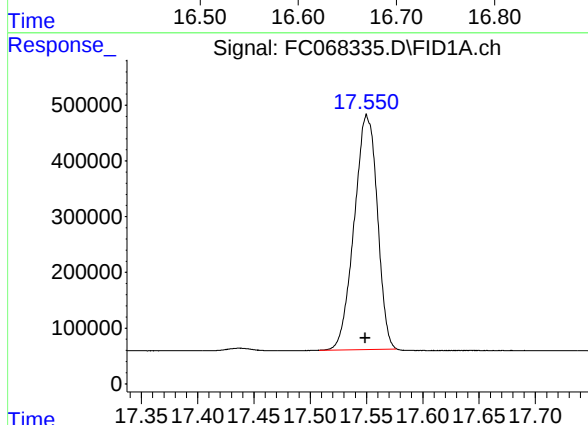
R.T.: 15.715 min
Delta R.T.: 0.001 min
Response: 6147591
Conc: 50.56 ug/ml

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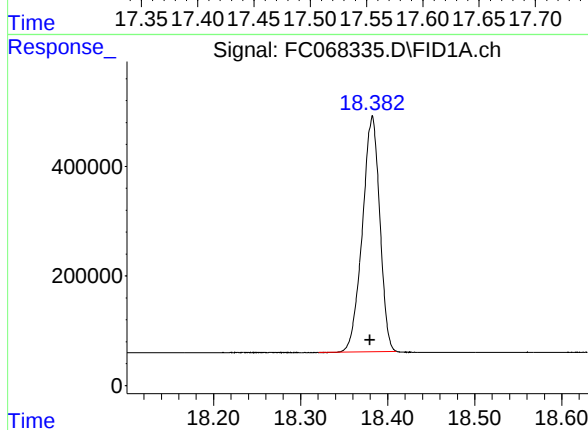
#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: 0.001 min
Response: 5996760
Conc: 50.49 ug/ml



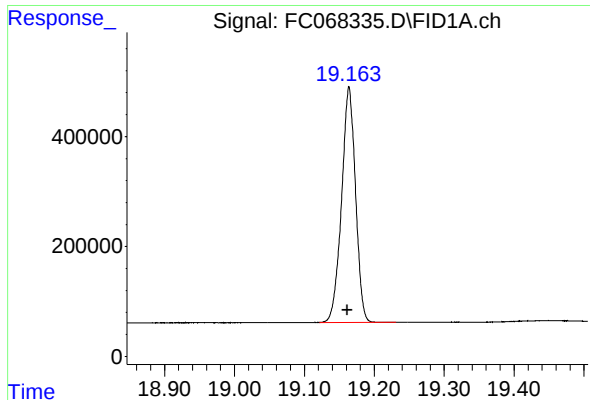
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 6013877
Conc: 49.96 ug/ml



#18 n-Dotriacontane (C32)

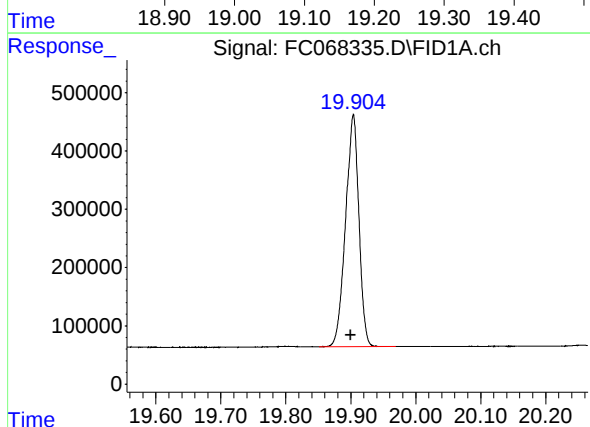
R.T.: 18.382 min
Delta R.T.: 0.002 min
Response: 5975842
Conc: 51.49 ug/ml



#19 n-Tetratriacontane (C34)

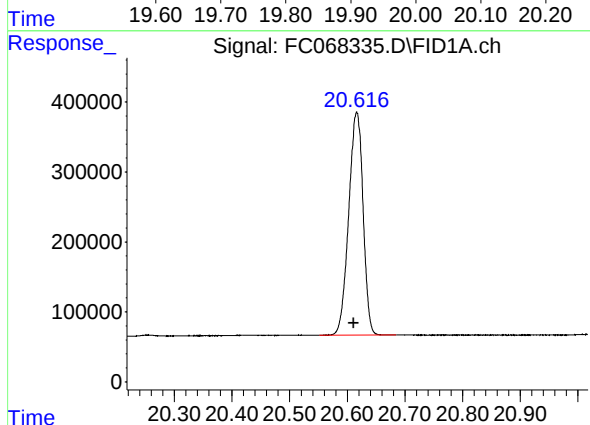
R.T.: 19.164 min
Delta R.T.: 0.003 min
Response: 5937717
Conc: 54.95 ug/ml

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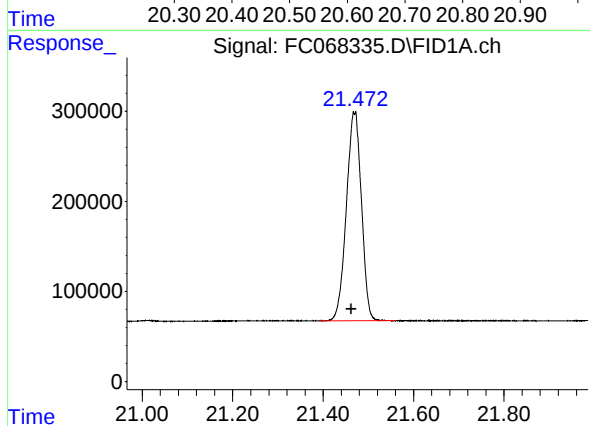
#20 n-Hexatriacontane (C36)

R.T.: 19.904 min
Delta R.T.: 0.004 min
Response: 5683975
Conc: 59.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 5522915
Conc: 61.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.469 min
Delta R.T.: 0.007 min
Response: 5359281
Conc: 61.94 ug/ml