

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068324.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 12:13
 Operator : YP/AJ
 Sample : PB166923BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166923BSD

Integration File: autoint1.e
 Quant Time: Mar 05 05:23:15 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...	12.840	4356774	38.736 ug/ml
Spiked Amount 50.000		Recovery =	77.47%
Target Compounds			
1) T n-Nonane (C9)	3.205	3794951	26.976 ug/ml
2) T n-Decane (C10)	4.262	4712176	33.261 ug/ml
4) T n-Dodecane (C12)	6.270	5382829	38.242 ug/ml
6) T n-Tetradecane (C14)	8.059	5779518	42.389 ug/ml
7) T n-Hexadecane (C16)	9.655	6016543	43.927 ug/ml
8) T n-Octadecane (C18)	11.093	6243297	45.652 ug/ml
10) T n-Eicosane (C20)	12.399	6441586	49.442 ug/ml
11) T n-Heneicosane (C21)	13.010	6154772	48.142 ug/ml
13) T n-Docosane (C22)	13.595	6104328	48.436 ug/ml
14) T n-Tetracosane (C24)	14.697	5990514	48.164 ug/ml
15) T n-Hexacosane (C26)	15.715	5861152	48.203 ug/ml
16) T n-Octacosane (C28)	16.664	5725382	48.207 ug/ml
17) T n-Tricontane (C30)	17.551	5737111	47.664 ug/ml
18) T n-Dotriacontane (C32)	18.381	5715622	49.244 ug/ml
19) T n-Tetratriacontane (C34)	19.163	5668029	52.453 ug/ml
20) T n-Hexatriacontane (C36)	19.902	5431820	56.482 ug/ml
21) T n-Octatriacontane (C38)	20.616	5265474	58.572 ug/ml
22) T n-Tetracontane (C40)	21.470	5078129	58.693 ug/ml

(f)=RT Delta > 1/2 Window

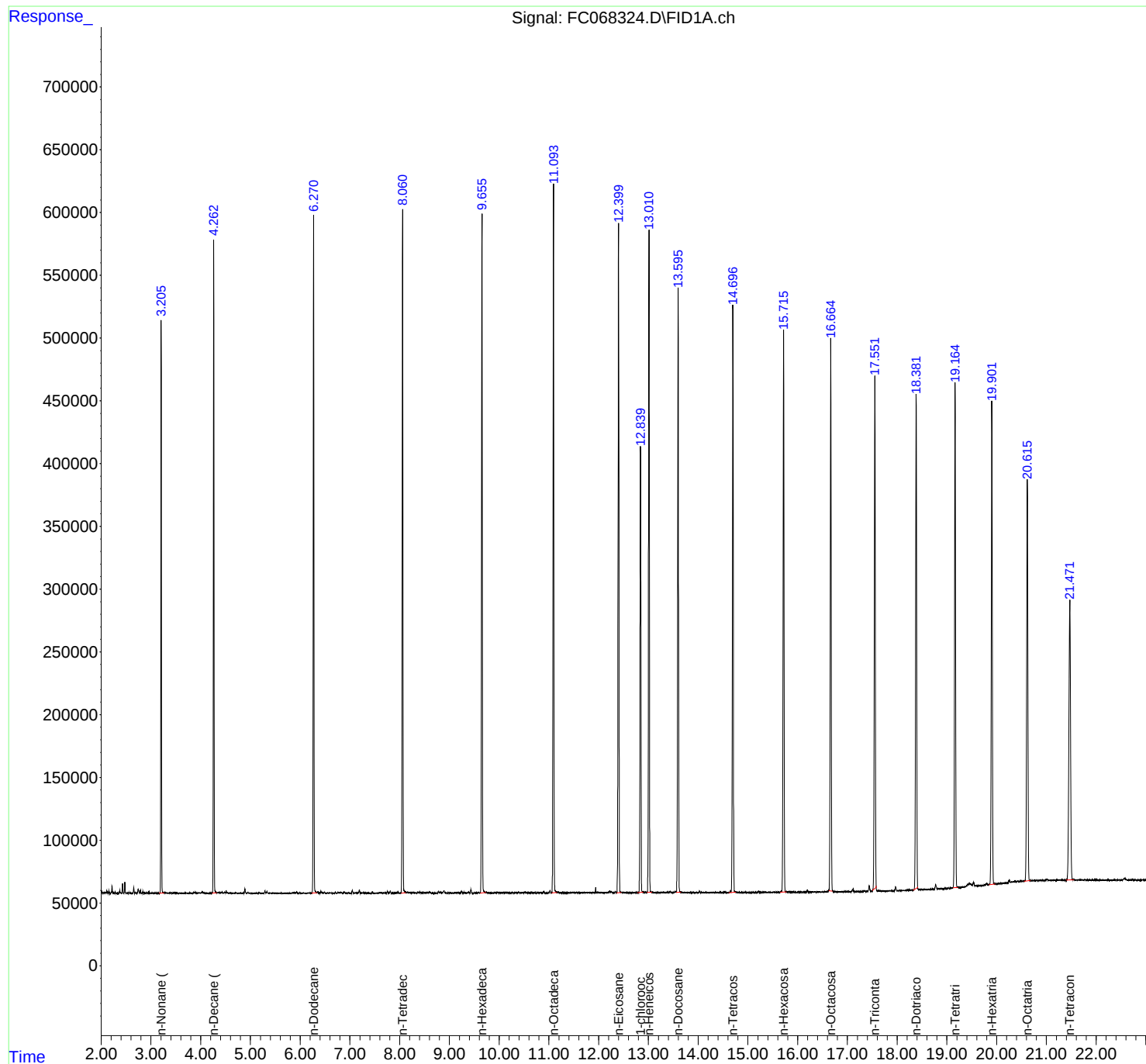
(m)=manual int.

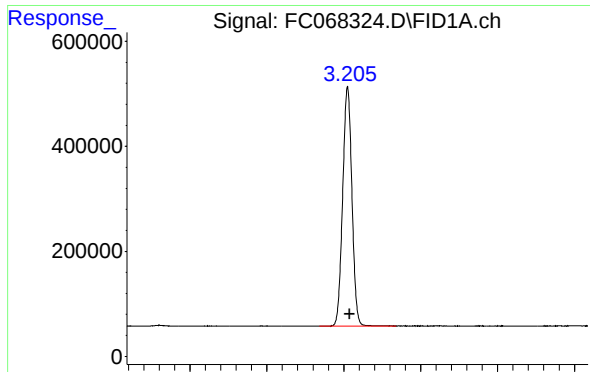
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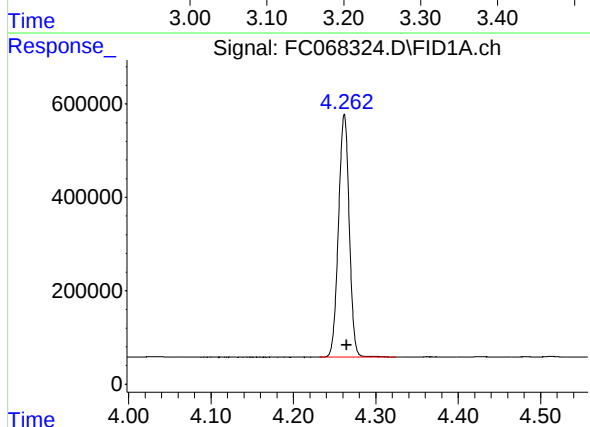




#1 n-Nonane (C9)

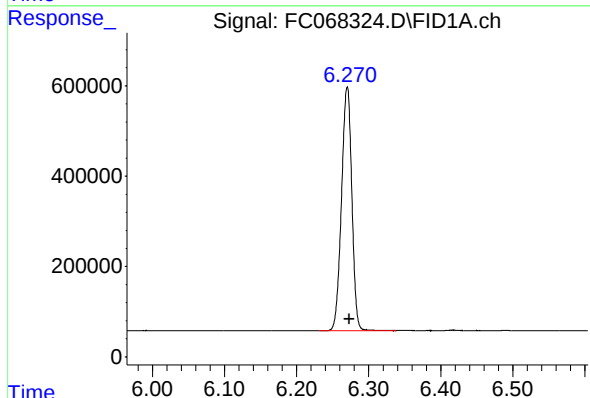
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 3794951
Conc: 26.98 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166923BSD



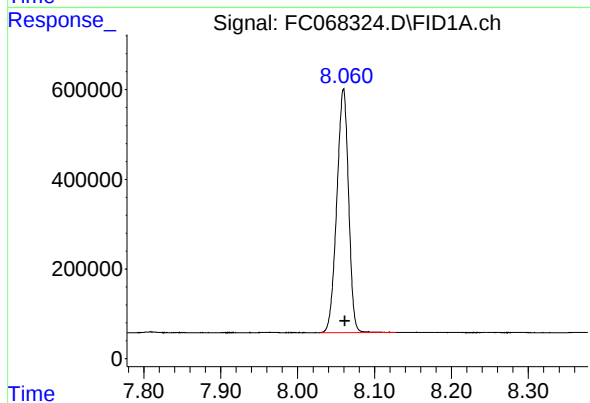
#2 n-Decane (C10)

R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 4712176
Conc: 33.26 ug/ml



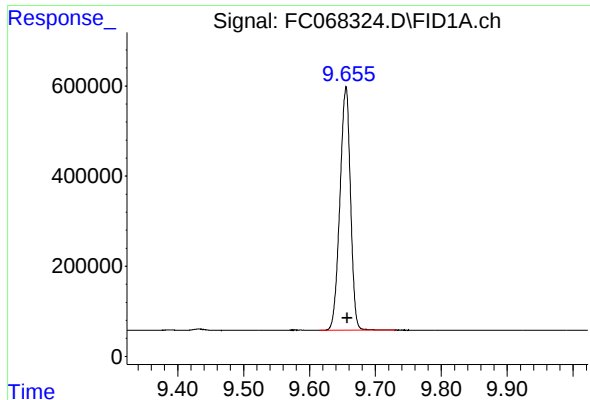
#4 n-Dodecane (C12)

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 5382829
Conc: 38.24 ug/ml



#6 n-Tetradecane (C14)

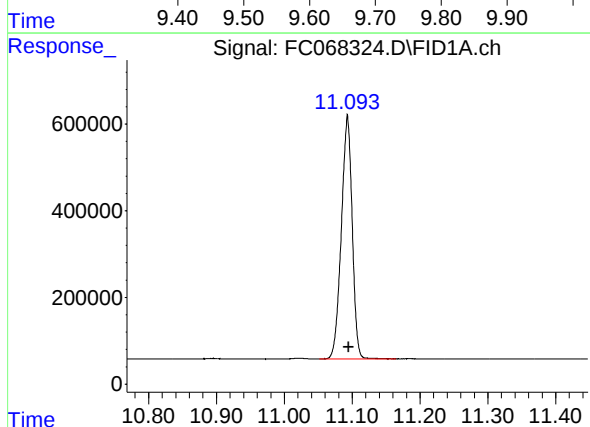
R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 5779518
Conc: 42.39 ug/ml



#7 n-Hexadecane (C16)

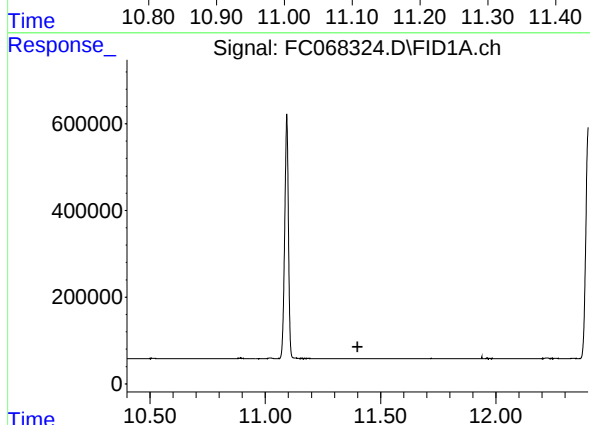
R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 6016543
Conc: 43.93 ug/ml

Instrument :
FID_C
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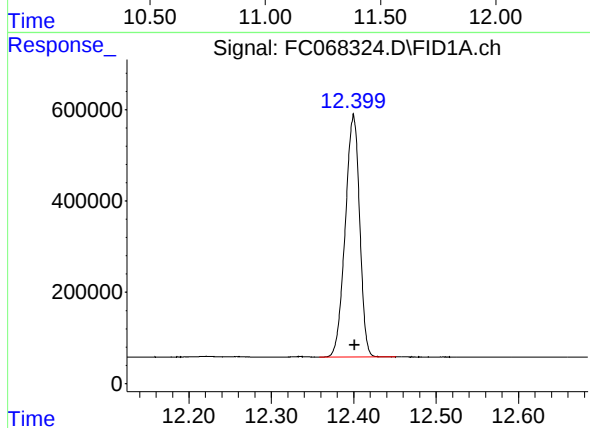
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: -0.002 min
Response: 6243297
Conc: 45.65 ug/ml



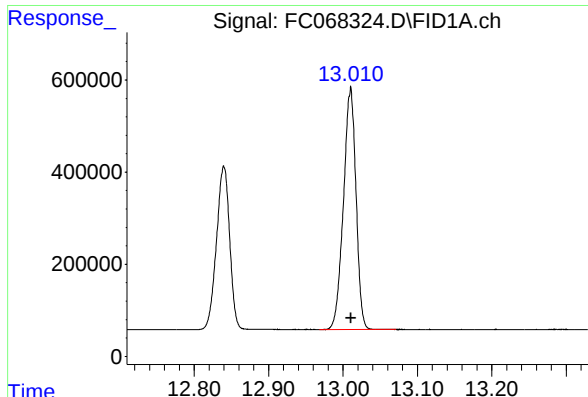
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

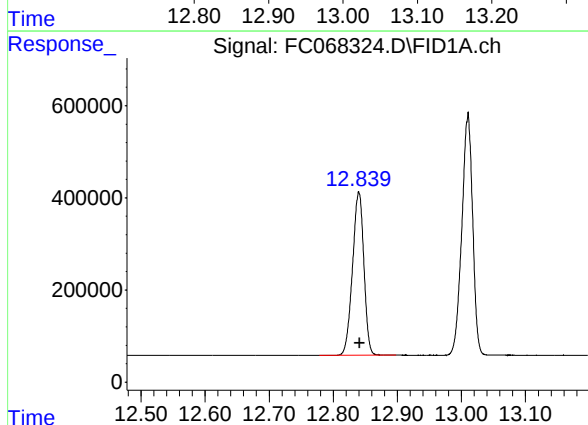
R.T.: 12.399 min
Delta R.T.: -0.001 min
Response: 6441586
Conc: 49.44 ug/ml



#11 n-Heneicosane (C21)

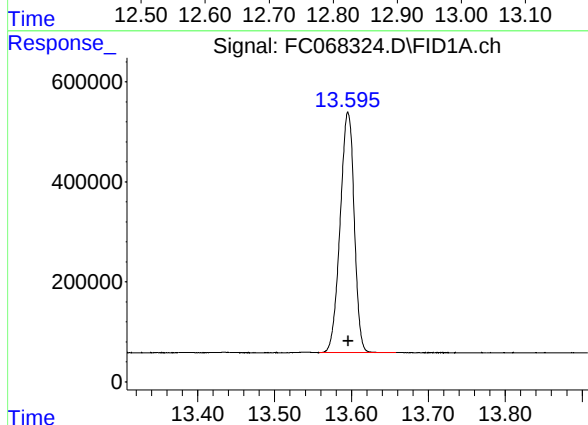
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 6154772
Conc: 48.14 ug/ml

Instrument :
FID_C
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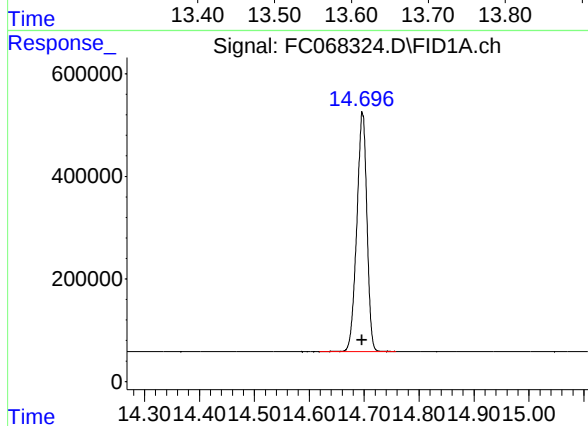
#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.002 min
Response: 4356774
Conc: 38.74 ug/ml



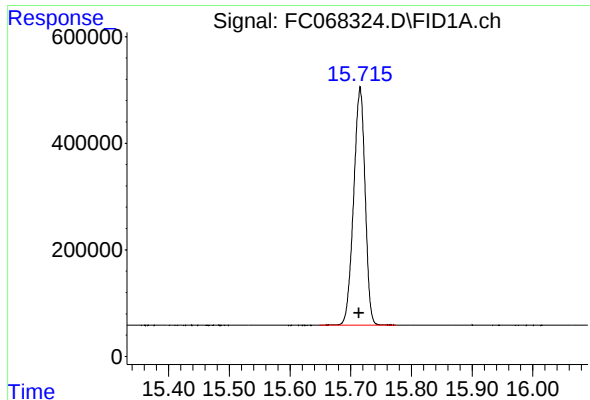
#13 n-Docosane (C22)

R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 6104328
Conc: 48.44 ug/ml



#14 n-Tetracosane (C24)

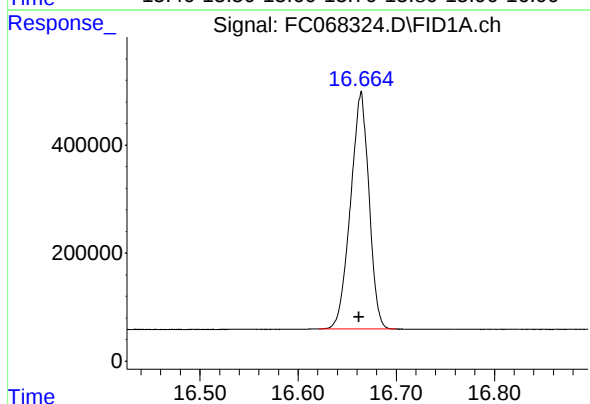
R.T.: 14.697 min
Delta R.T.: 0.000 min
Response: 5990514
Conc: 48.16 ug/ml



#15 n-Hexacosane (C26)

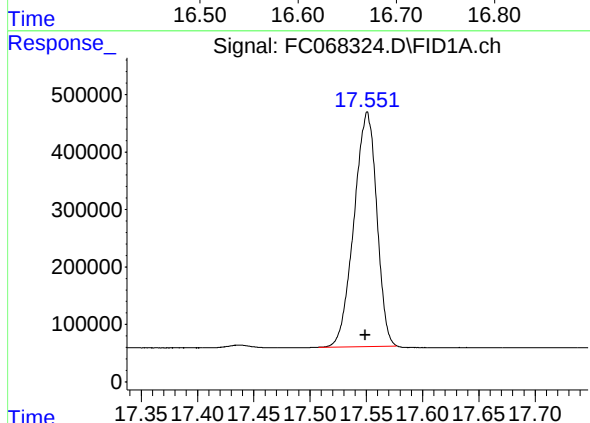
R.T.: 15.715 min
Delta R.T.: 0.001 min
Response: 5861152
Conc: 48.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166923BSD



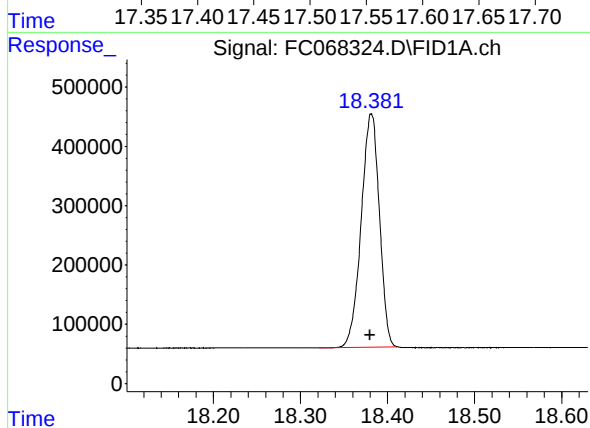
#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: 0.002 min
Response: 5725382
Conc: 48.21 ug/ml



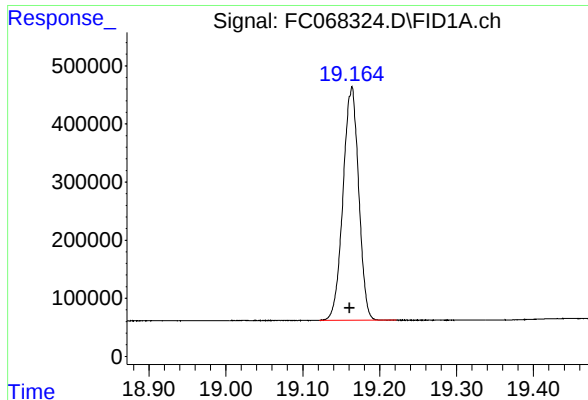
#17 n-Tricontane (C30)

R.T.: 17.551 min
Delta R.T.: 0.002 min
Response: 5737111
Conc: 47.66 ug/ml



#18 n-Dotriacontane (C32)

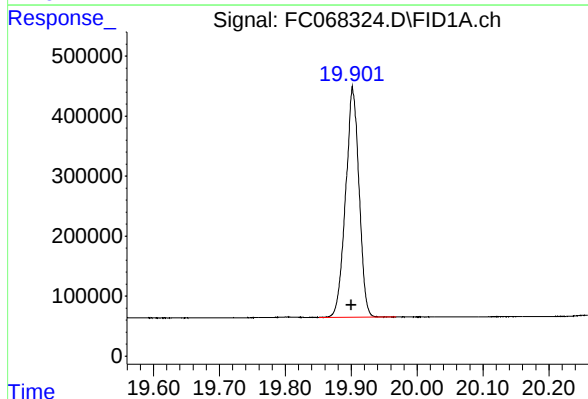
R.T.: 18.381 min
Delta R.T.: 0.002 min
Response: 5715622
Conc: 49.24 ug/ml



#19 n-Tetratriacontane (C34)

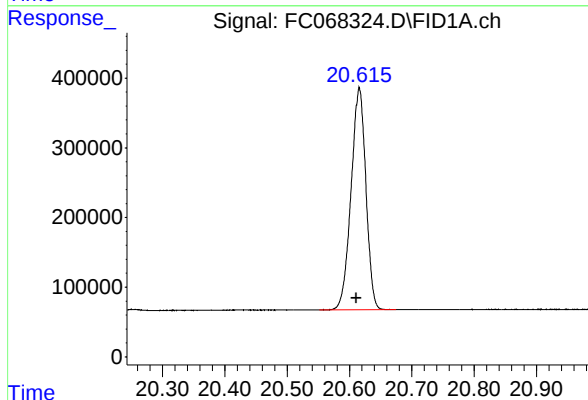
R.T.: 19.163 min
Delta R.T.: 0.002 min
Response: 5668029
Conc: 52.45 ug/ml

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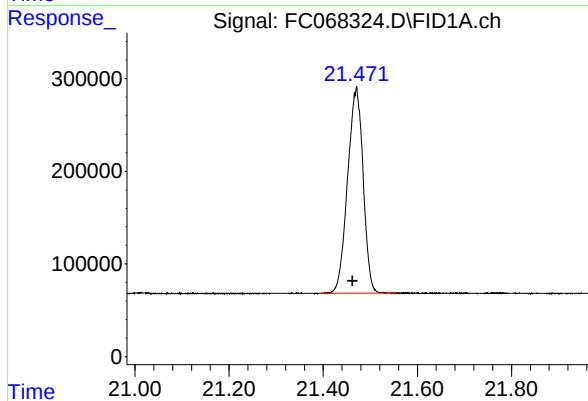
#20 n-Hexatriacontane (C36)

R.T.: 19.902 min
Delta R.T.: 0.002 min
Response: 5431820
Conc: 56.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 5265474
Conc: 58.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.470 min
Delta R.T.: 0.007 min
Response: 5078129
Conc: 58.69 ug/ml