

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067314.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 11:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 01 09:08:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:07:31 2024
 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)	11.497	3089013	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.936	2301706	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.271	2561935	20.000 ug/ml
2) T n-Decane (C10)	4.337	2606750	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2878074	20.000 ug/ml
4) T n-Dodecane (C12)	6.353	2627937	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.970	2792361	20.000 ug/ml
6) T n-Tetradecane (C14)	8.146	2616449	20.000 ug/ml
7) T n-Hexadecane (C16)	9.745	2703190	20.000 ug/ml
8) T n-Octadecane (C18)	11.186	2753269	20.000 ug/ml
10) T n-Eicosane (C20)	12.493	2645737	20.000 ug/ml
11) T n-Heneicosane (C21)	13.105	2606321	20.000 ug/ml
13) T n-Docosane (C22)	13.690	2582773	20.000 ug/ml
14) T n-Tetracosane (C24)	14.792	2574621	20.000 ug/ml
15) T n-Hexacosane (C26)	15.813	2538087	20.000 ug/ml
16) T n-Octacosane (C28)	16.760	2519727	20.000 ug/ml
17) T n-Tricontane (C30)	17.646	2574944	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.478	2497831	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2193263	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1907034	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.723	1770855	20.000 ug/ml
22) T n-Tetracontane (C40)	21.608	1730957	20.000 ug/ml

(f)=RT Delta > 1/2 Window

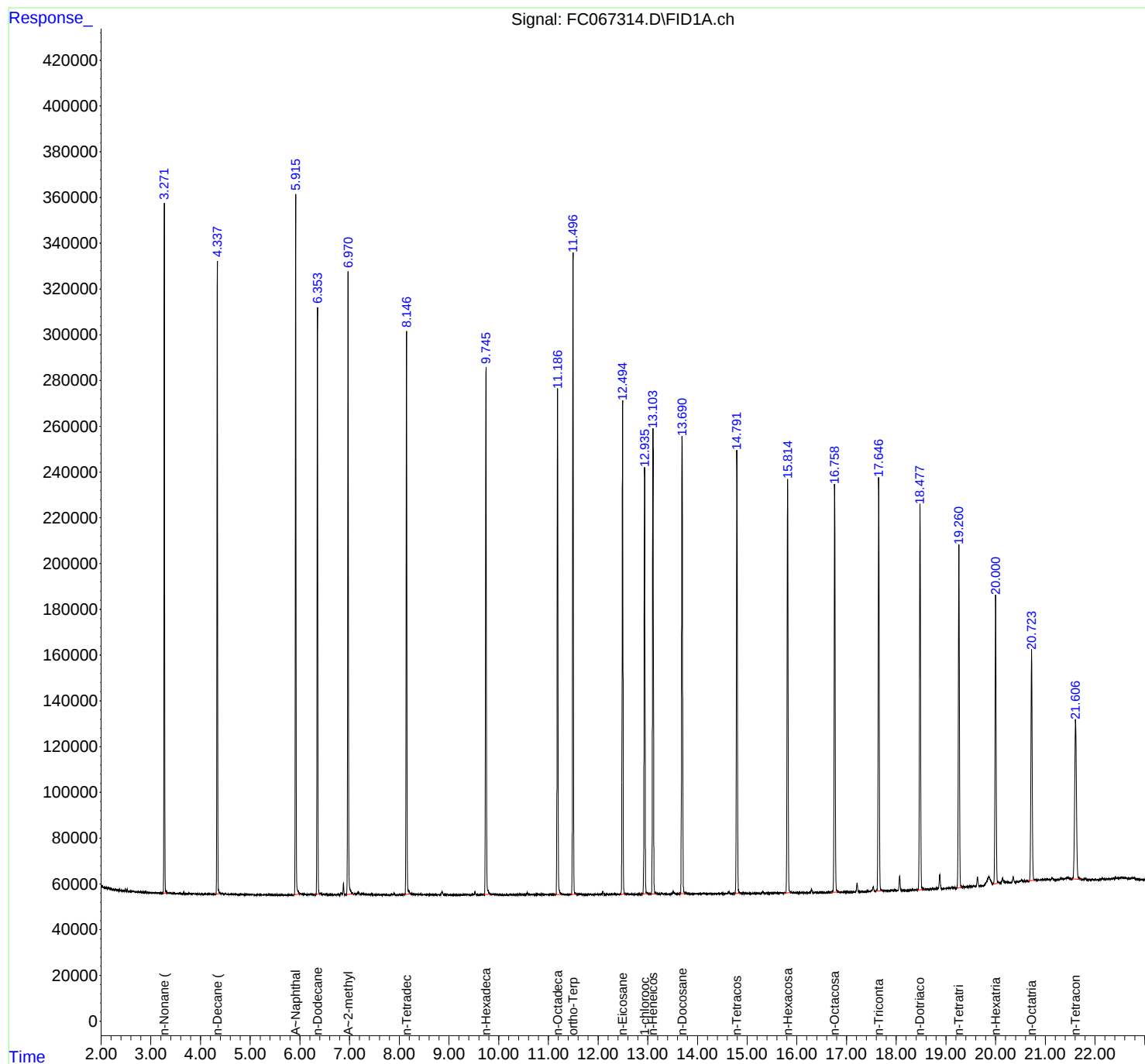
(m)=manual int.

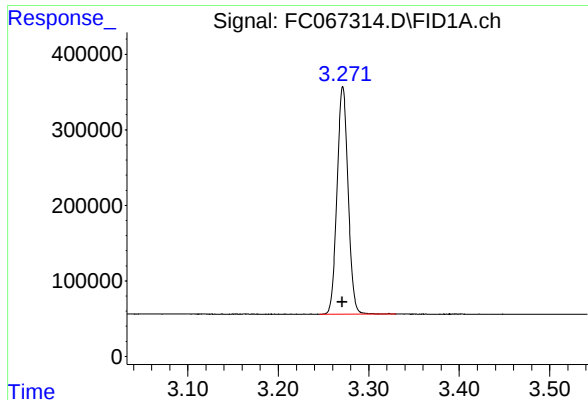
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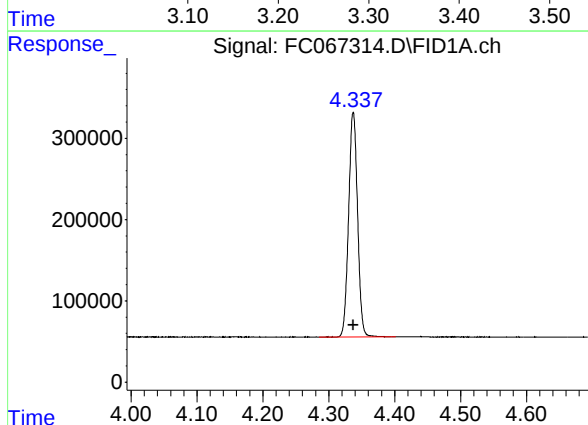




#1 n-Nonane (C9)

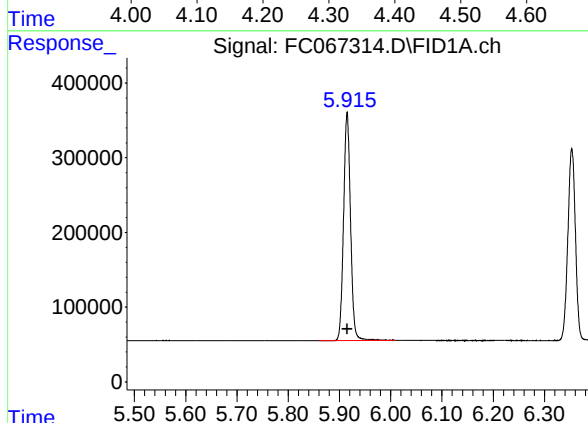
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2561935
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



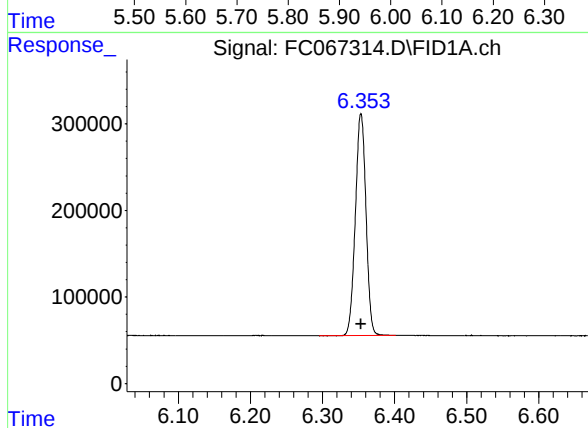
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 2606750
Conc: 20.00 ug/ml



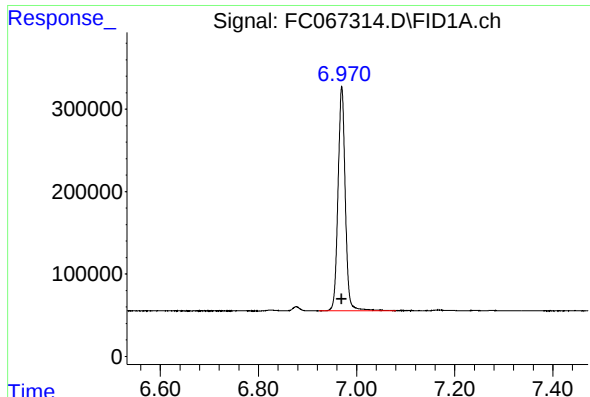
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2878074
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

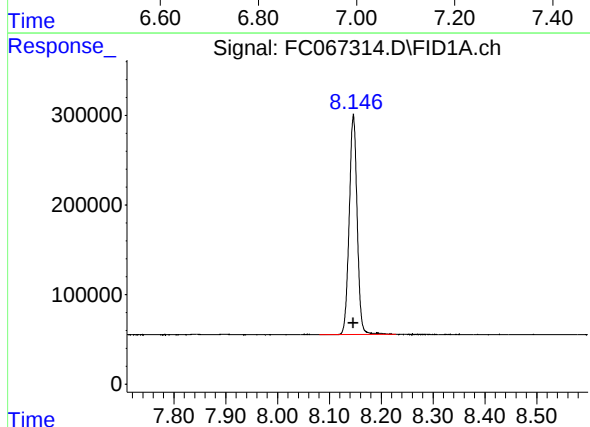
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2627937
Conc: 20.00 ug/ml



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

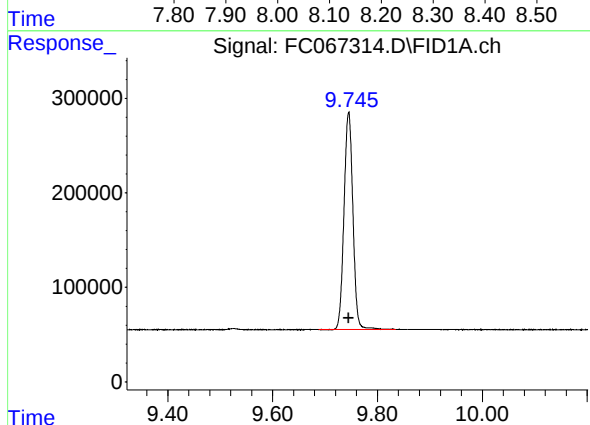
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2792361
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



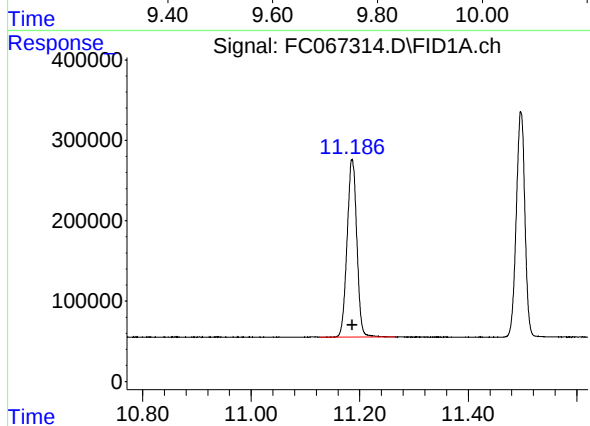
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2616449
Conc: 20.00 ug/ml



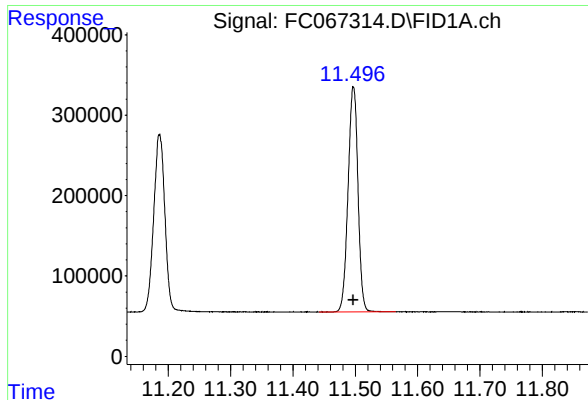
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2703190
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

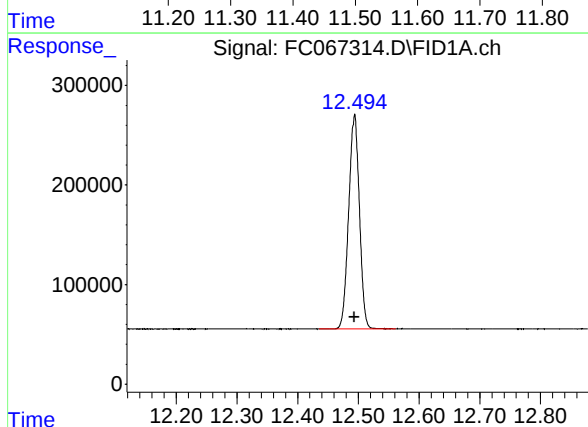
R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 2753269
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

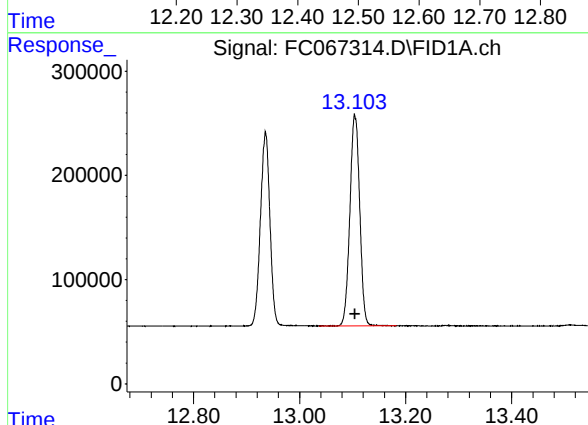
R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 3089013
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



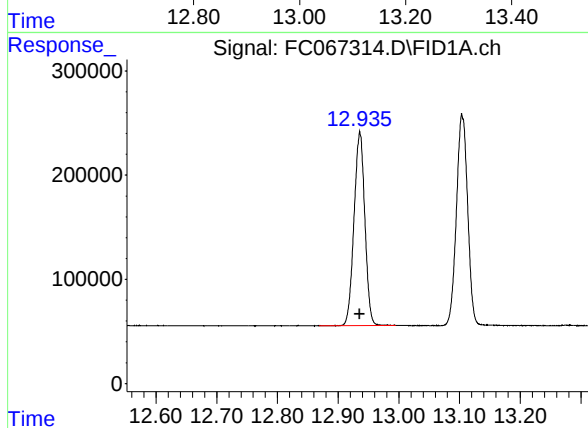
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 2645737
Conc: 20.00 ug/ml



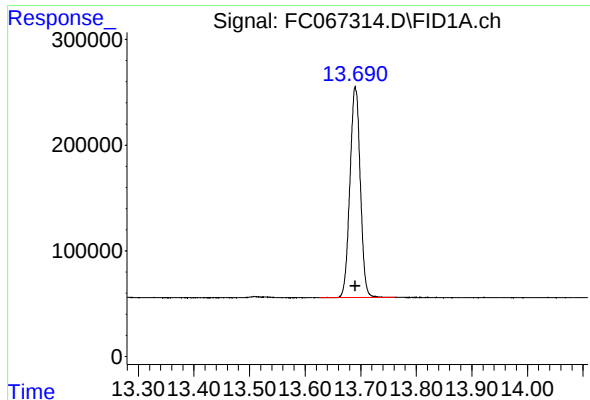
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2606321
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

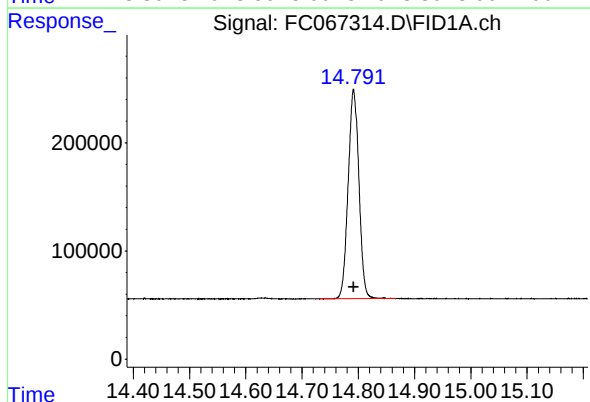
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2301706
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

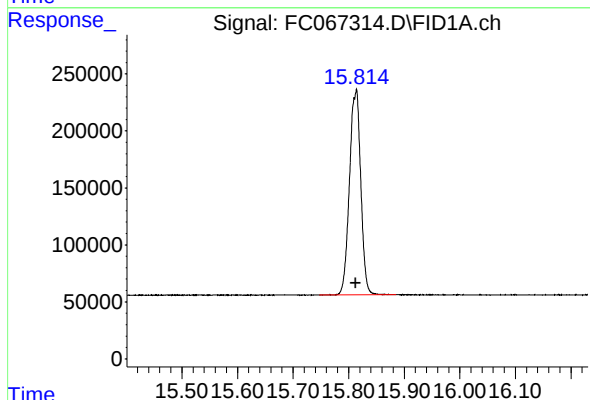
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2582773
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD3



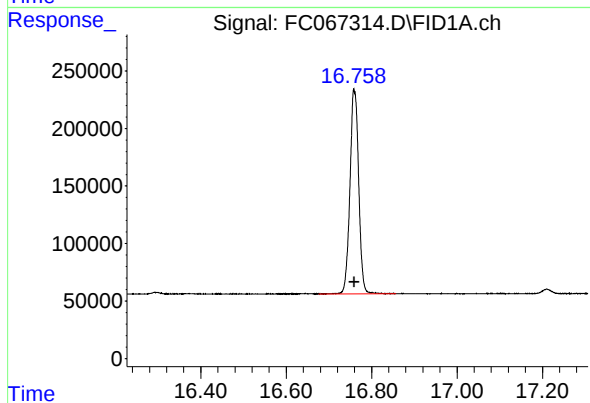
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2574621
Conc: 20.00 ug/ml



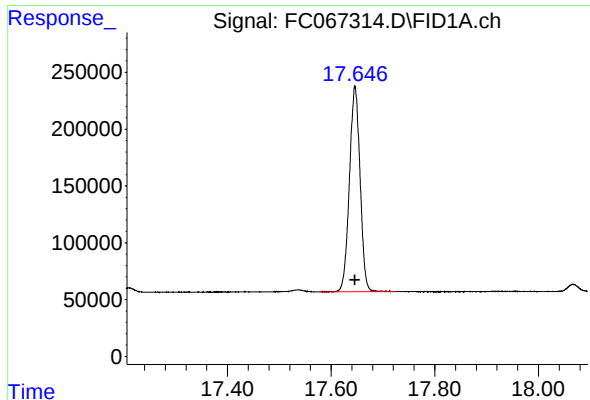
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 2538087
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

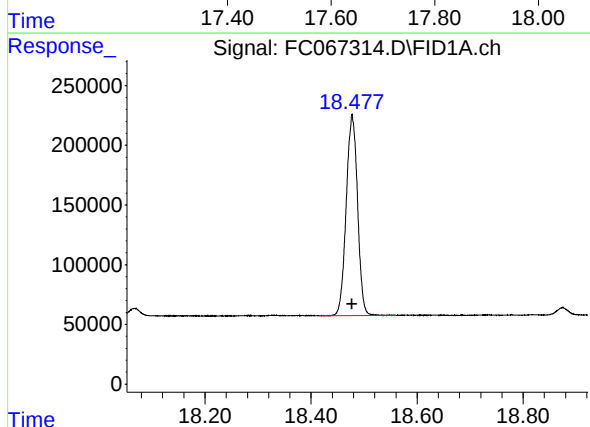
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2519727
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

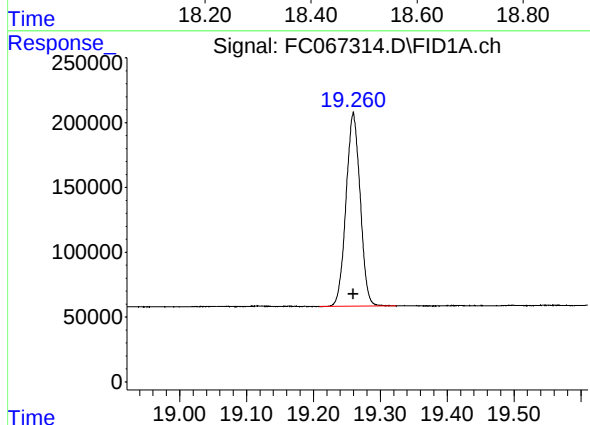
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2574944
Conc: 20.00 ug/ml

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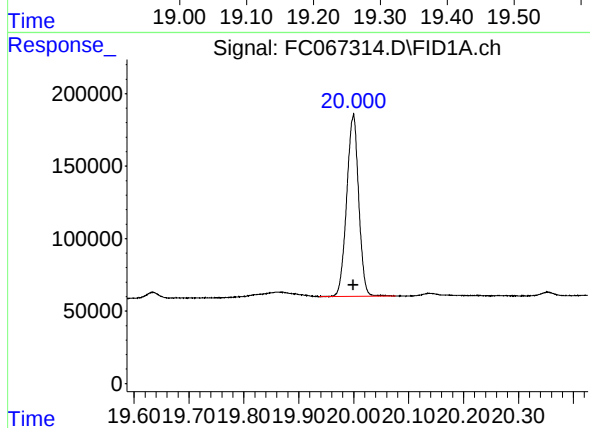
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2497831
Conc: 20.00 ug/ml



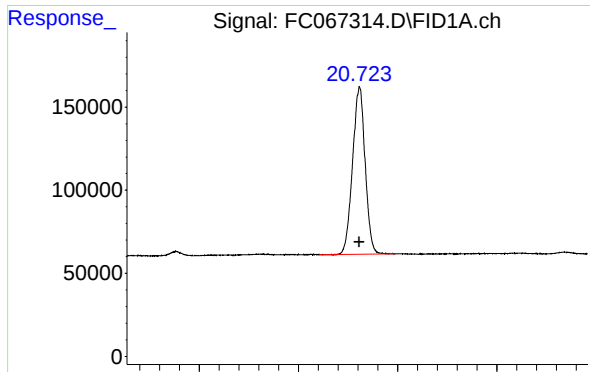
#19 n-Tetatriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 2193263
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

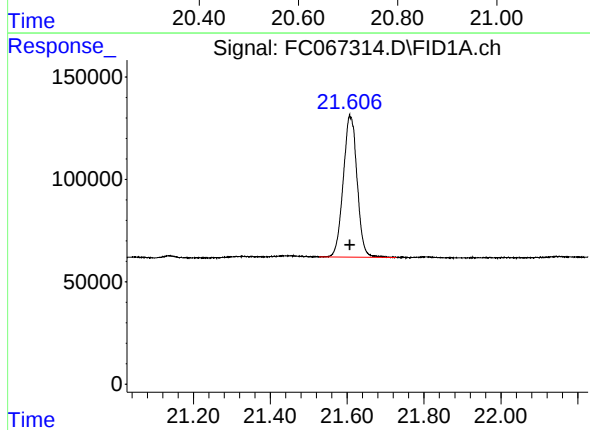
R.T.: 19.999 min
Delta R.T.: 0.000 min
Response: 1907034
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.000 min
Response: 1770855
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: 0.000 min
Response: 1730957
Conc: 20.00 ug/ml