

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071525AL\
 Data File : FC069450.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 10:35
 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: Jul 15 10:56:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 10:56:36 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			
9) S ortho-Terphenyl (SURR)	11.669	2842591	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.104	2163070	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.403	2623005	20.000 ug/ml
2) T n-Decane (C10)	4.475	2680576	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2914664	20.000 ug/ml
4) T n-Dodecane (C12)	6.499	2723979	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.128	2807568	20.000 ug/ml
6) T n-Tetradecane (C14)	8.299	2737305	20.000 ug/ml
7) T n-Hexadecane (C16)	9.902	2798652	20.000 ug/ml
8) T n-Octadecane (C18)	11.346	2758332	20.000 ug/ml
10) T n-Eicosane (C20)	12.658	2567676	20.000 ug/ml
11) T n-Heneicosane (C21)	13.270	2482767	20.000 ug/ml
13) T n-Docosane (C22)	13.857	2429989	20.000 ug/ml
14) T n-Tetracosane (C24)	14.962	2337029	20.000 ug/ml
15) T n-Hexacosane (C26)	15.984	2222003	20.000 ug/ml
16) T n-Octacosane (C28)	16.935	2117680	20.000 ug/ml
17) T n-Tricontane (C30)	17.823	2086565	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.656	1971574	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.442	1799794	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1584214	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.947	1461703	20.000 ug/ml
22) T n-Tetracontane (C40)	21.911	1414720	20.000 ug/ml

(f)=RT Delta > 1/2 Window

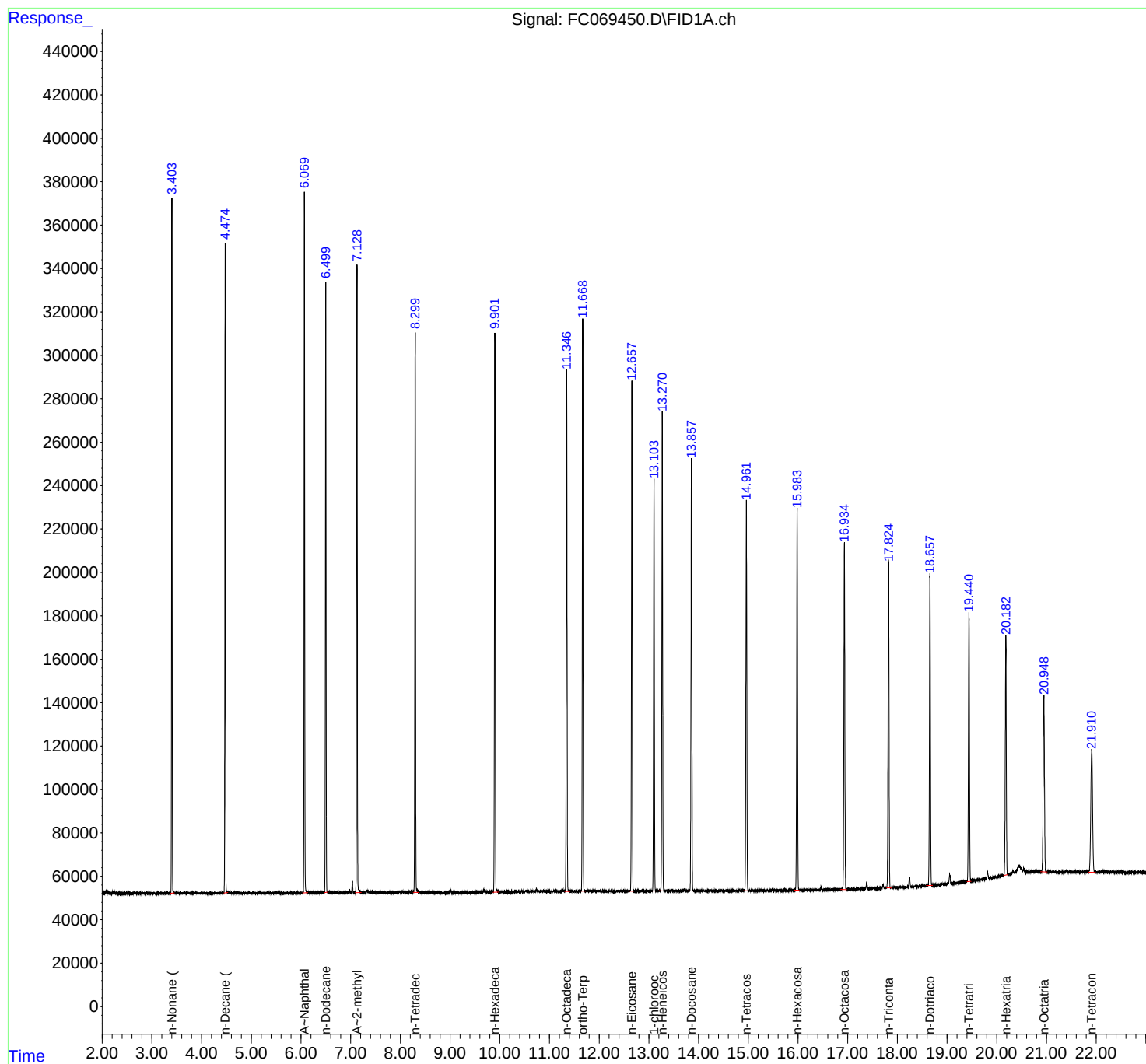
(m)=manual int.

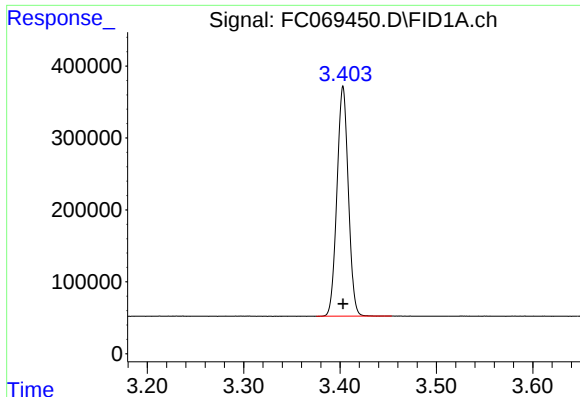
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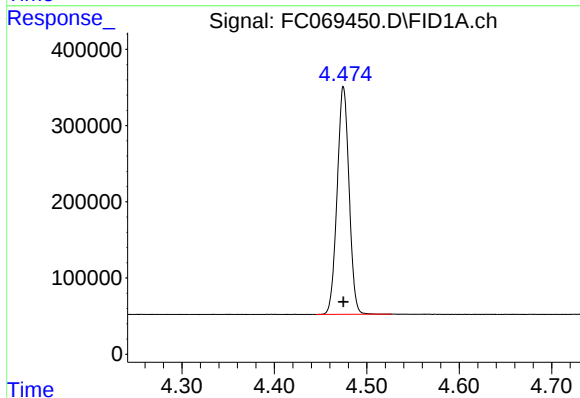




#1 n-Nonane (C9)

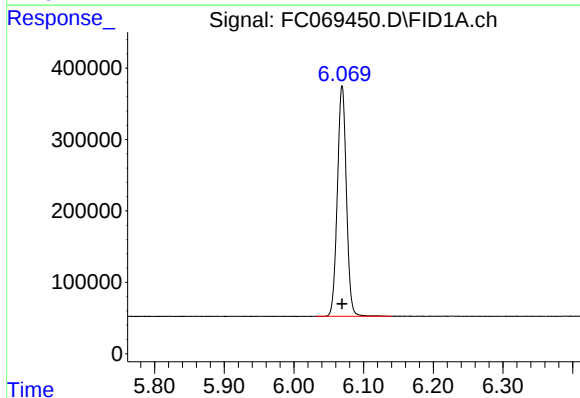
R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 2623005
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



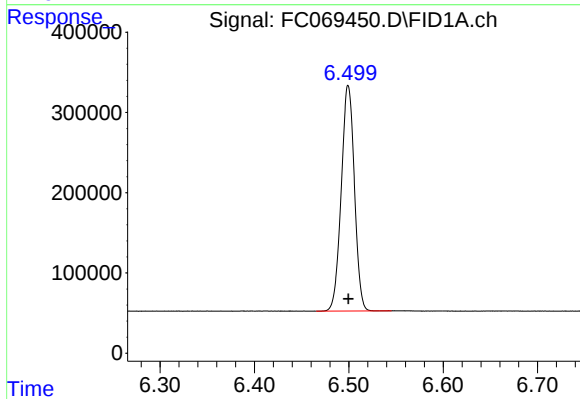
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 2680576
Conc: 20.00 ug/ml



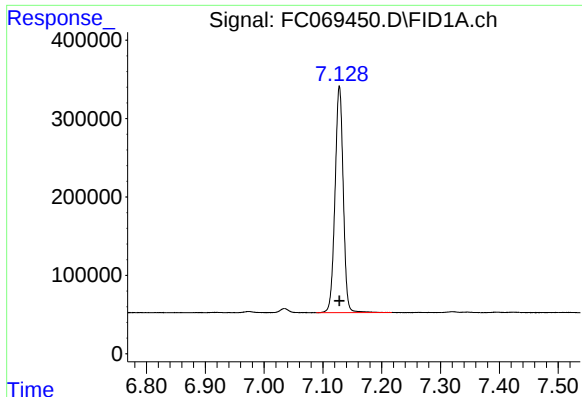
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2914664
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

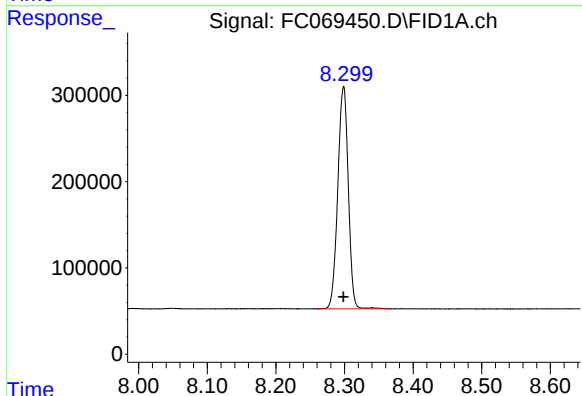
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 2723979
Conc: 20.00 ug/ml



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

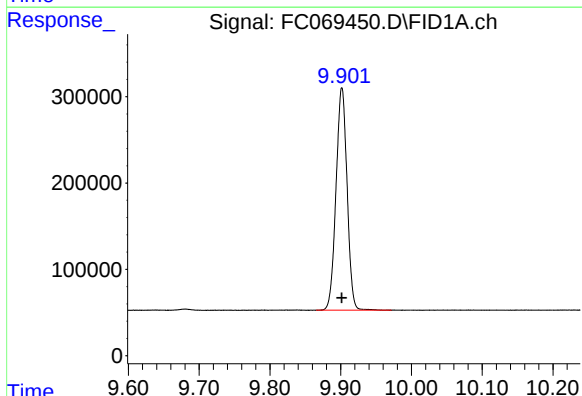
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 2807568
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



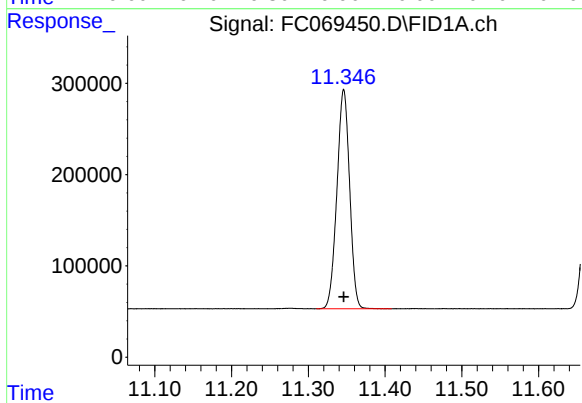
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2737305
Conc: 20.00 ug/ml



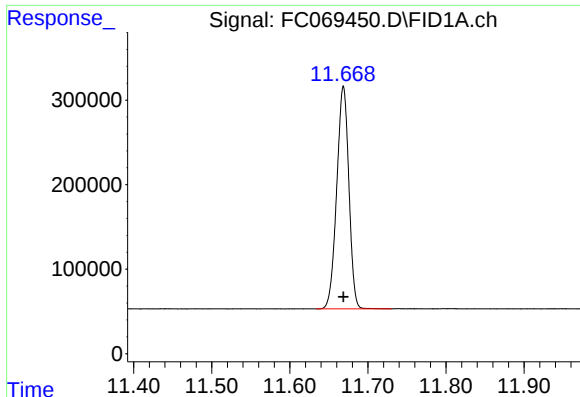
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 2798652
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

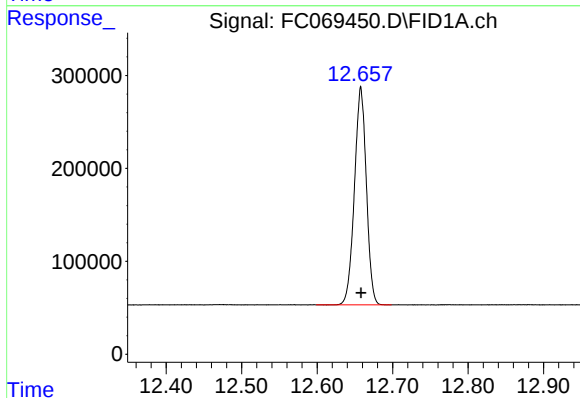
R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 2758332
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

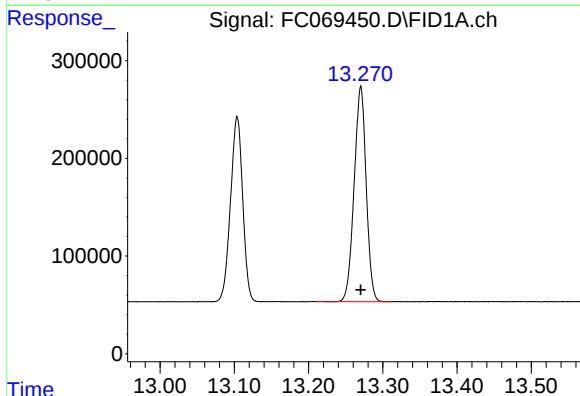
R.T.: 11.669 min
Delta R.T.: 0.000 min
Response: 2842591
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



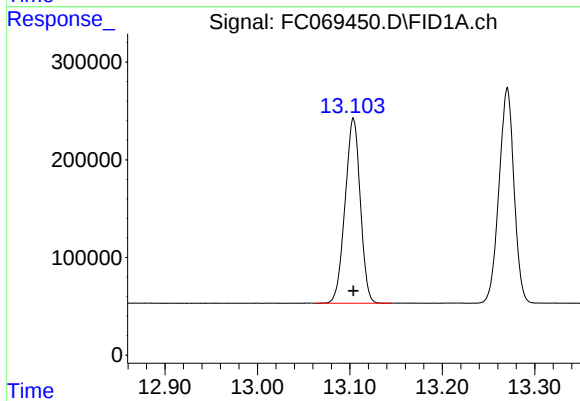
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 2567676
Conc: 20.00 ug/ml



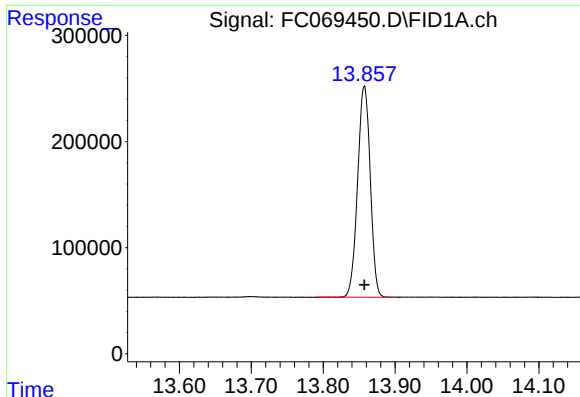
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2482767
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

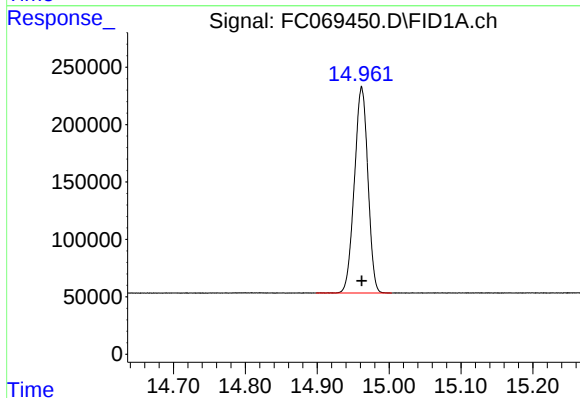
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2163070
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

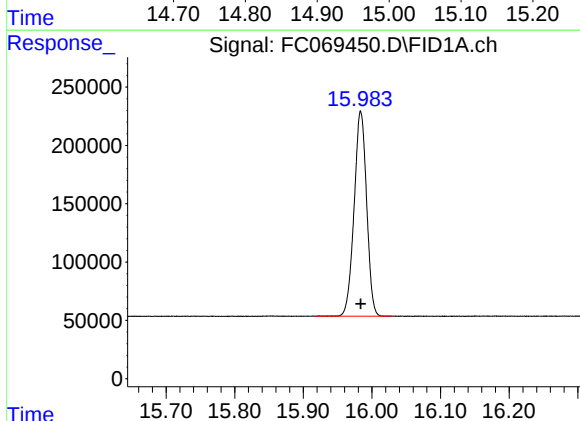
R.T.: 13.857 min
Delta R.T.: 0.000 min
Response: 2429989
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



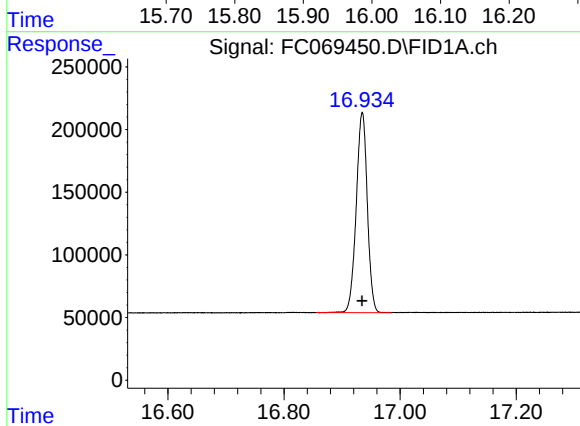
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 2337029
Conc: 20.00 ug/ml



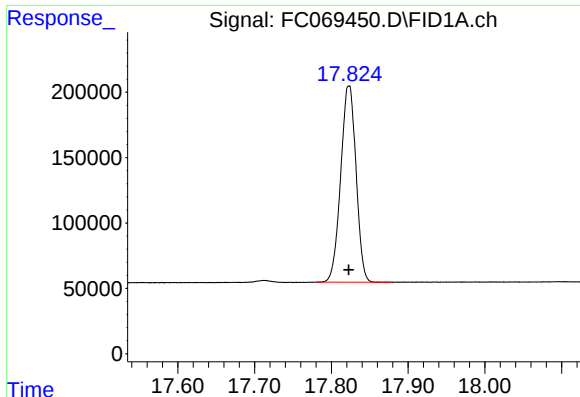
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 2222003
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

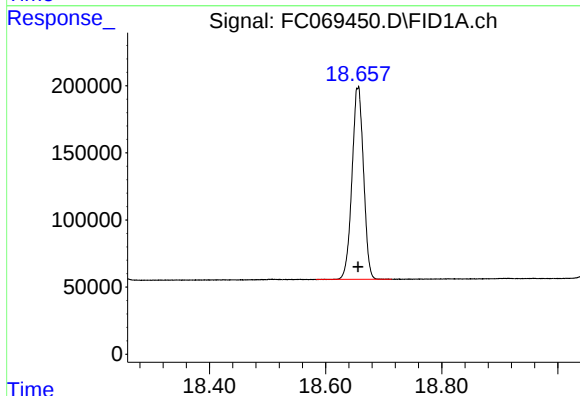
R.T.: 16.935 min
Delta R.T.: 0.000 min
Response: 2117680
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

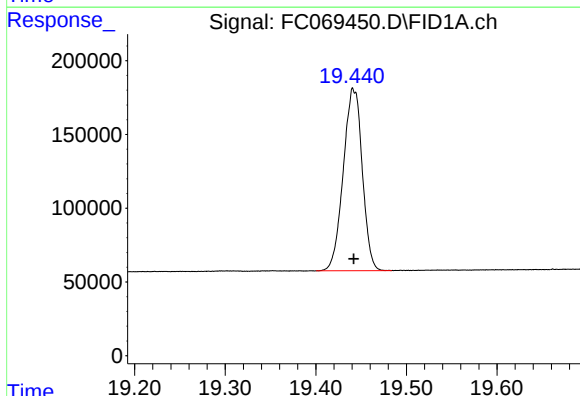
R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 2086565
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



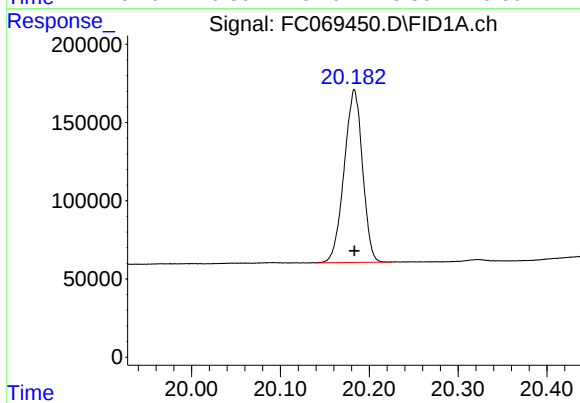
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: 0.000 min
Response: 1971574
Conc: 20.00 ug/ml



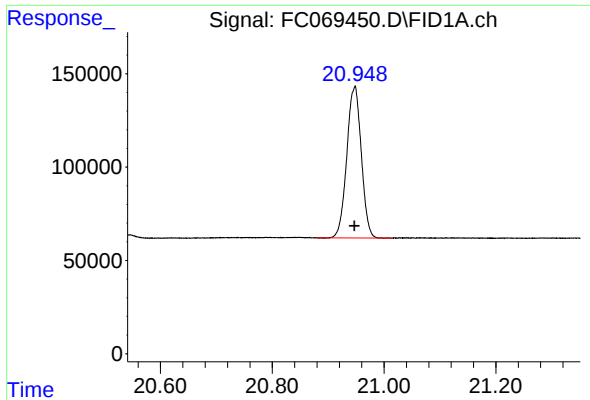
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.000 min
Response: 1799794
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

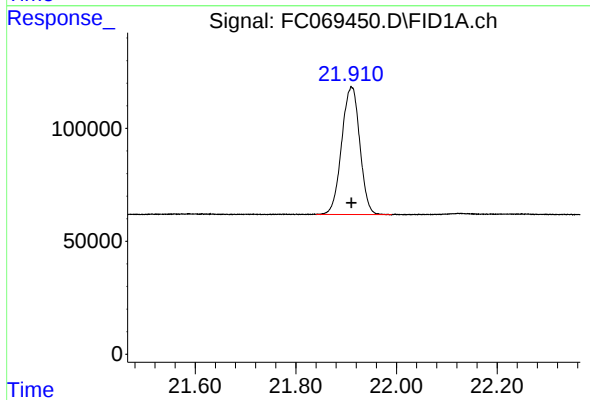
R.T.: 20.183 min
Delta R.T.: 0.000 min
Response: 1584214
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.000 min
Response: 1461703
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: 0.000 min
Response: 1414720
Conc: 20.00 ug/ml