

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013023AL\
 Data File : FC062809.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2023 21:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 00:51:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 2023
 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)	11.540	2553393	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
12) S 1-chlorooctadecane (S...	12.978	1932275	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.301	2224817	20.586 ug/ml
2) T n-Decane (C10)	4.368	2174420	20.929 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2488190	21.039 ug/ml
4) T n-Dodecane (C12)	6.387	2182198	21.110 ug/ml
5) T A~2-methylnaphthalene...	7.009	2353685	21.512 ug/ml
6) T n-Tetradecane (C14)	8.183	2218419	21.624 ug/ml
7) T n-Hexadecane (C16)	9.785	2254976	20.842 ug/ml
8) T n-Octadecane (C18)	11.227	2289845	20.655 ug/ml
10) T n-Eicosane (C20)	12.535	2231497	20.467 ug/ml
11) T n-Heneicosane (C21)	13.147	2231636	20.503 ug/ml
13) T n-Docosane (C22)	13.732	2204650	20.464 ug/ml
14) T n-Tetracosane (C24)	14.834	2198251	20.526 ug/ml
15) T n-Hexacosane (C26)	15.853	2168697	20.579 ug/ml
16) T n-Octacosane (C28)	16.801	2159109	20.663 ug/ml
17) T n-Tricontane (C30)	17.686	2157754	20.664 ug/ml
18) T n-Dotriacontane (C32)	18.517	2172417	20.112 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2138713	20.347 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2044008	20.297 ug/ml
21) T n-Octatriacontane (C38)	20.767	2039017	20.309 ug/ml
22) T n-Tetracontane (C40)	21.666	2037461	21.139 ug/ml

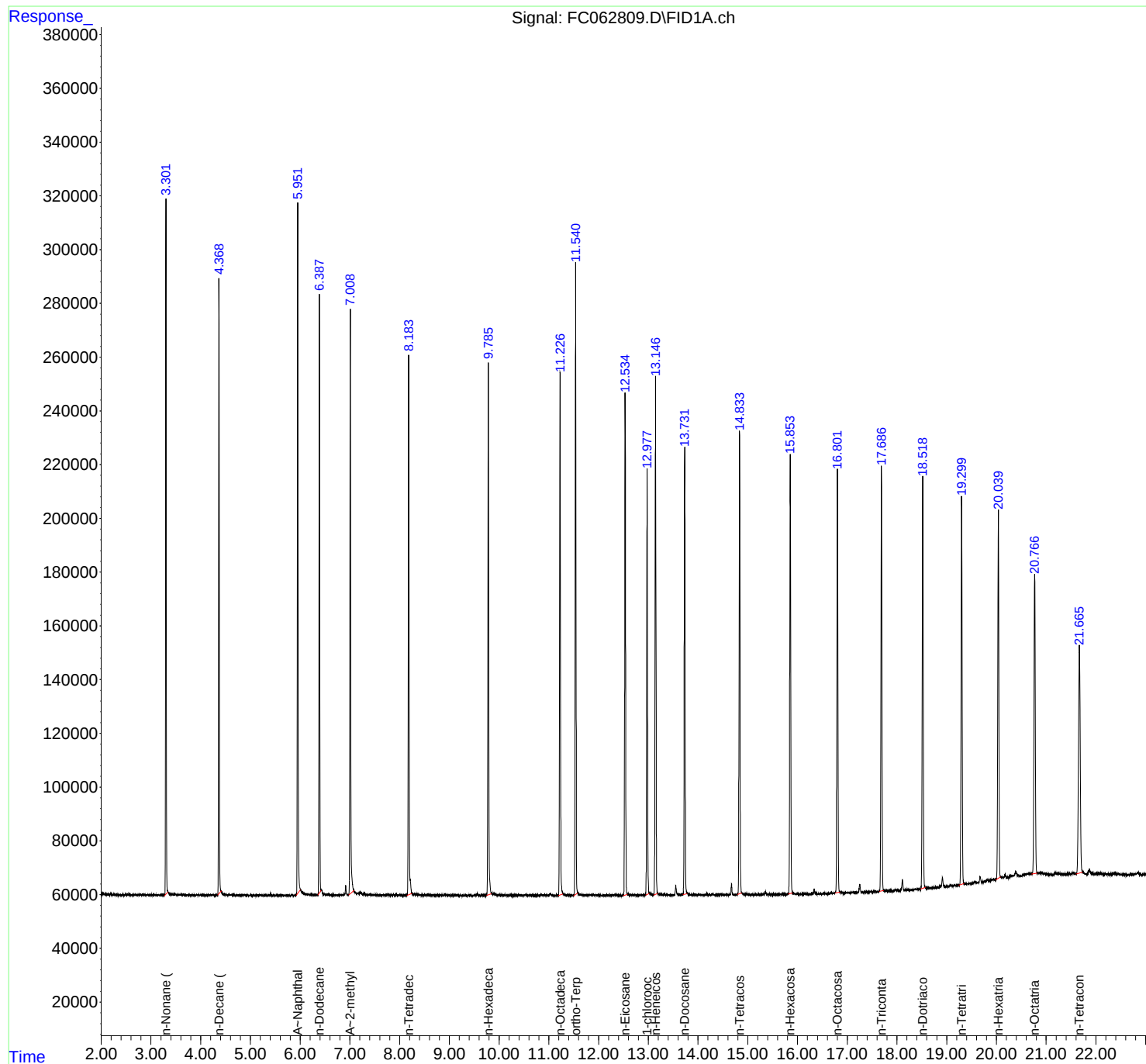
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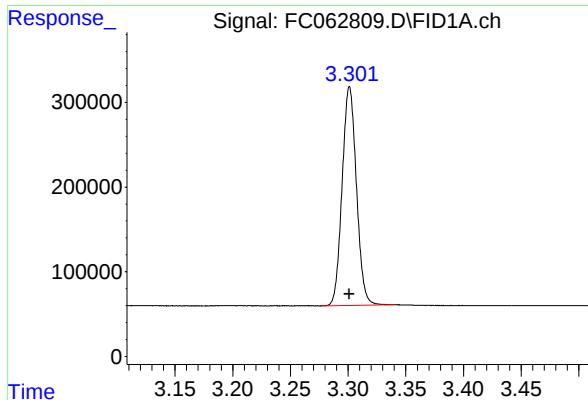
(m)=manual int.

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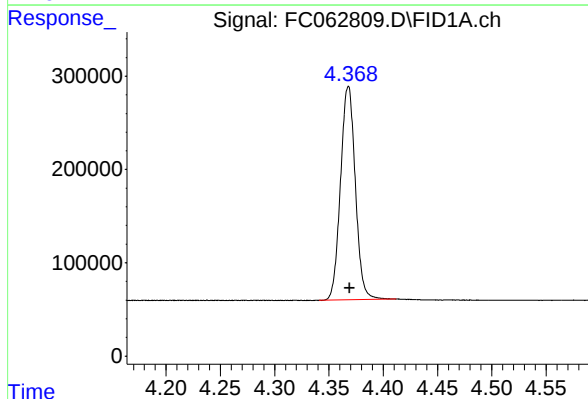
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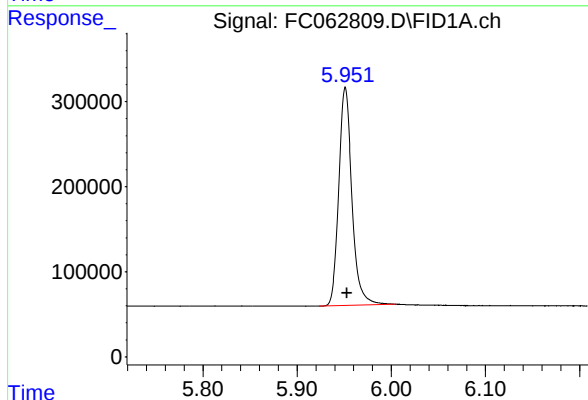
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2224817
Conc: 20.59 ug/ml



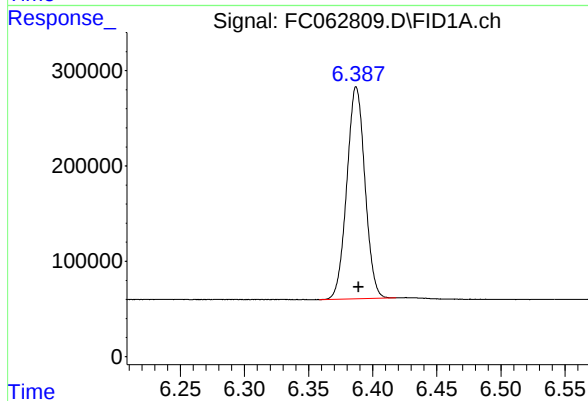
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 2174420
Conc: 20.93 ug/ml



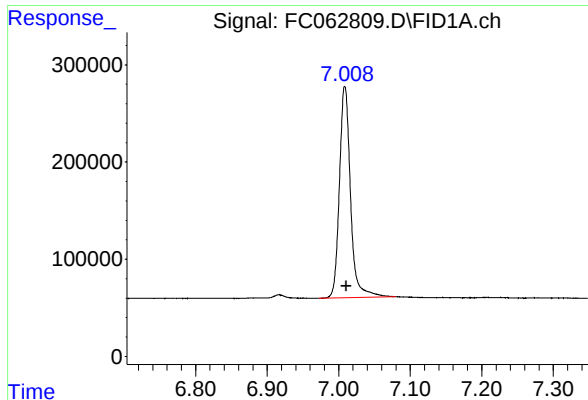
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 2488190
Conc: 21.04 ug/ml



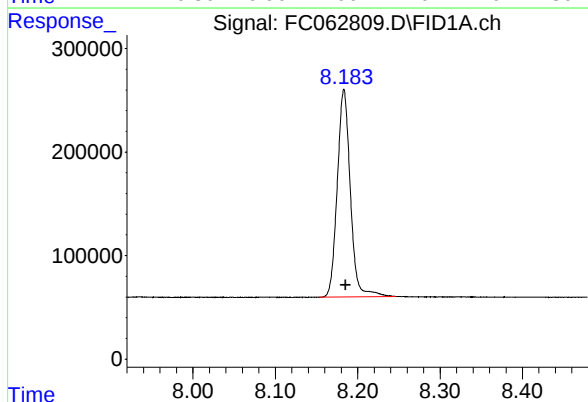
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2182198
Conc: 21.11 ug/ml



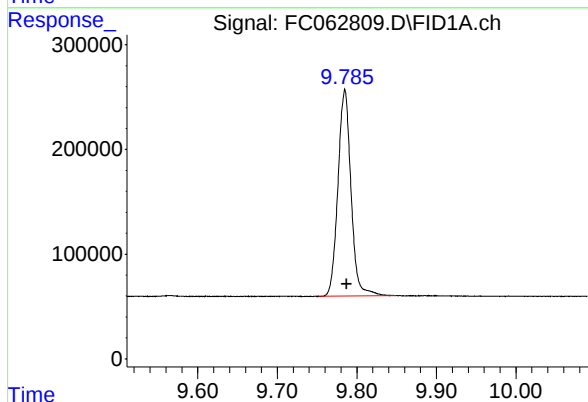
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 2353685
Conc: 21.51 ug/ml



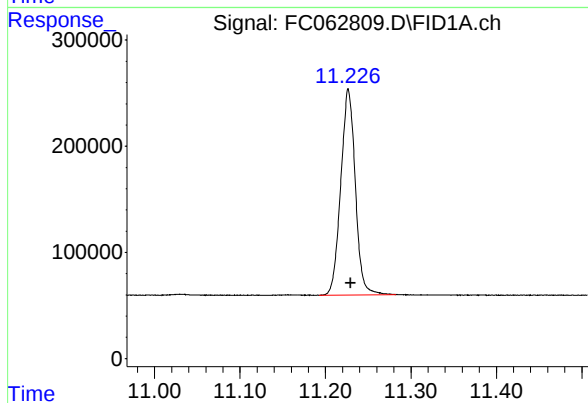
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2218419
Conc: 21.62 ug/ml



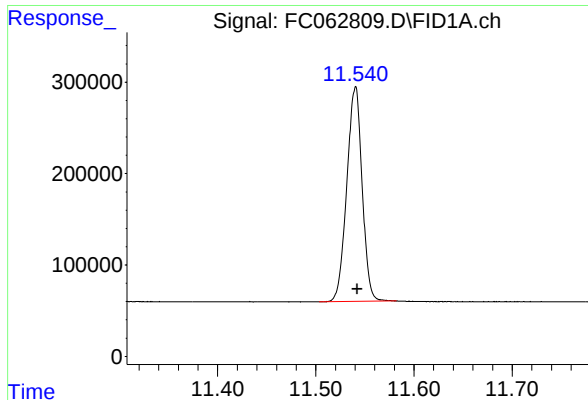
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 2254976
Conc: 20.84 ug/ml



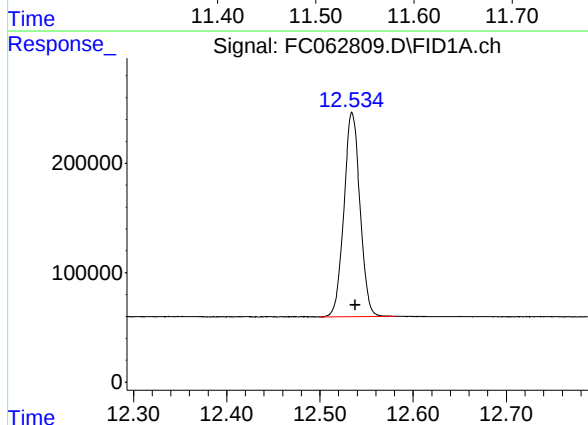
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 2289845
Conc: 20.66 ug/ml



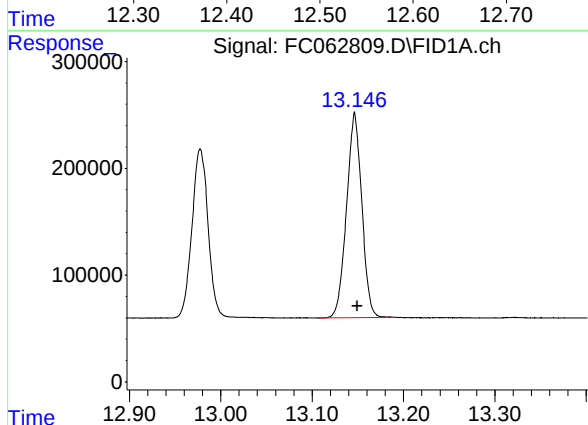
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.002 min
Response: 2553393
Conc: 20.53 ug/ml



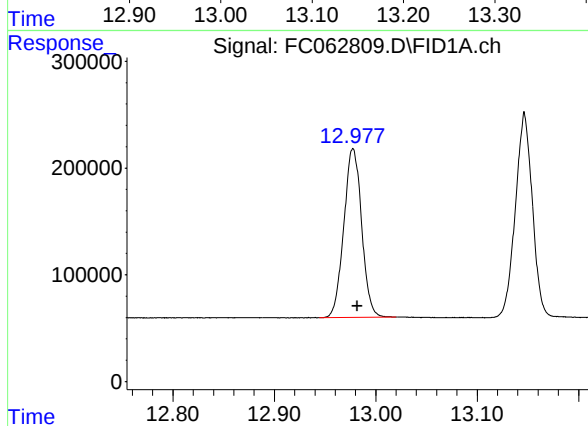
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 2231497
Conc: 20.47 ug/ml



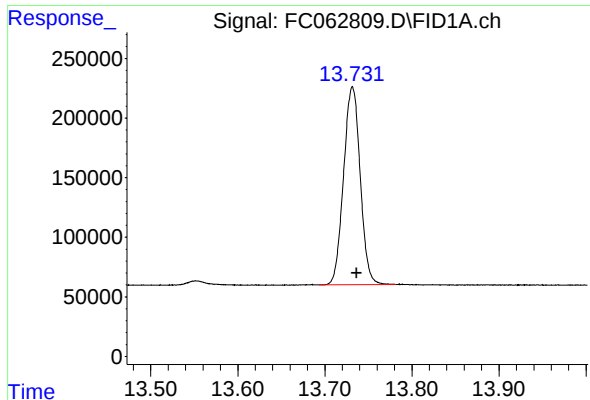
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.003 min
Response: 2231636
Conc: 20.50 ug/ml



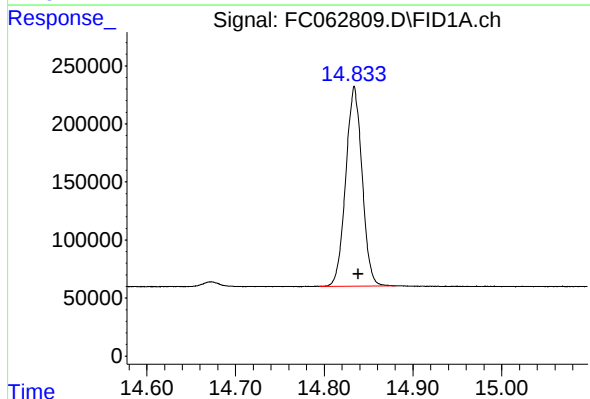
#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.004 min
Response: 1932275
Conc: 20.49 ug/ml



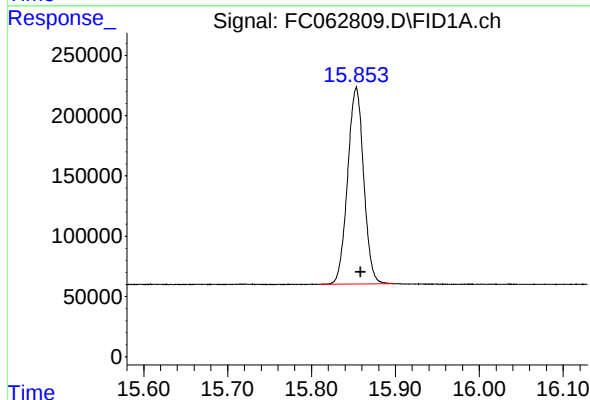
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.005 min
Response: 2204650
Conc: 20.46 ug/ml



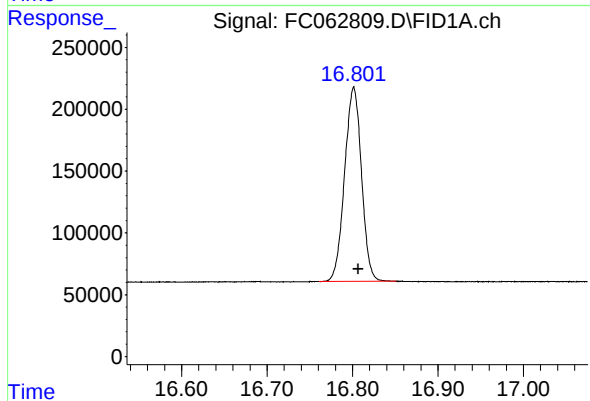
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.005 min
Response: 2198251
Conc: 20.53 ug/ml



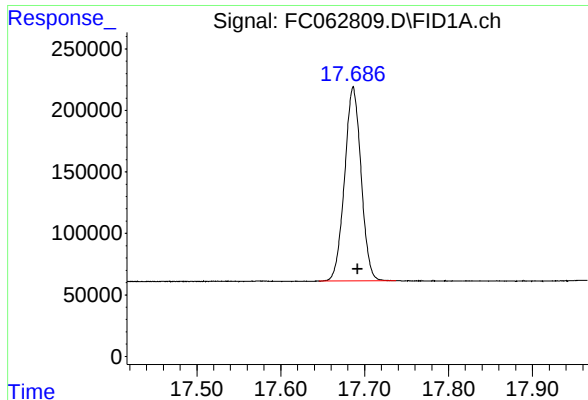
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.005 min
Response: 2168697
Conc: 20.58 ug/ml



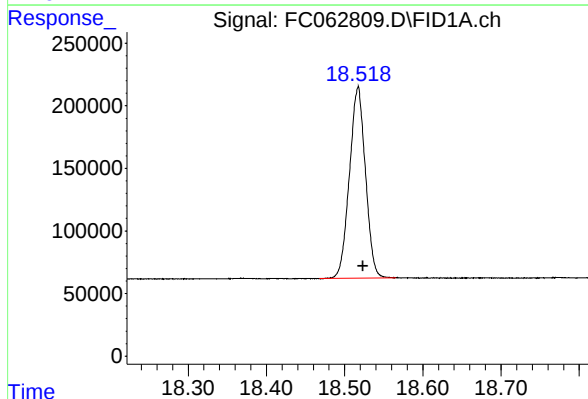
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.006 min
Response: 2159109
Conc: 20.66 ug/ml



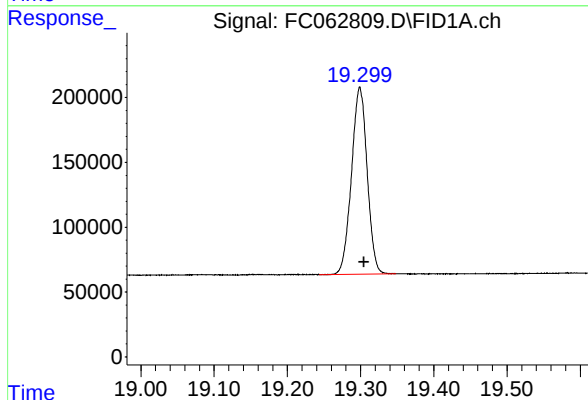
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2157754
Conc: 20.66 ug/ml



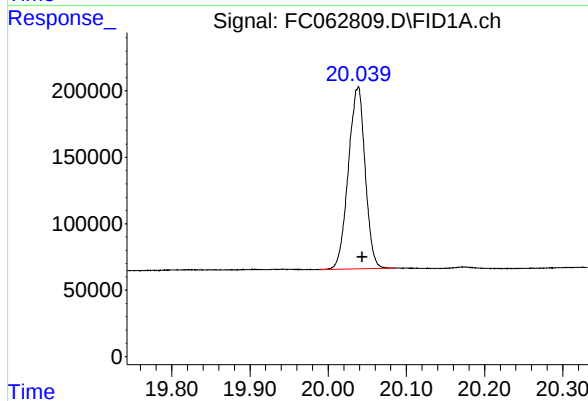
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.006 min
Response: 2172417
Conc: 20.11 ug/ml



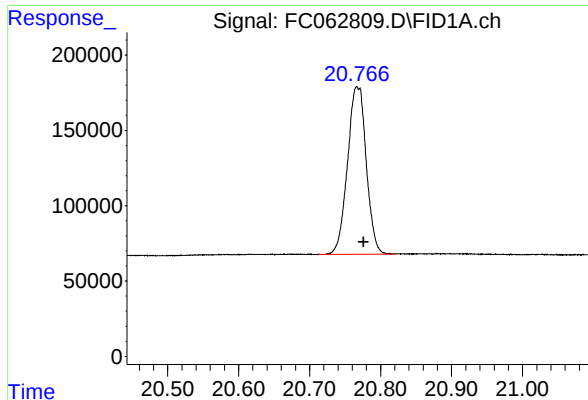
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.005 min
Response: 2138713
Conc: 20.35 ug/ml



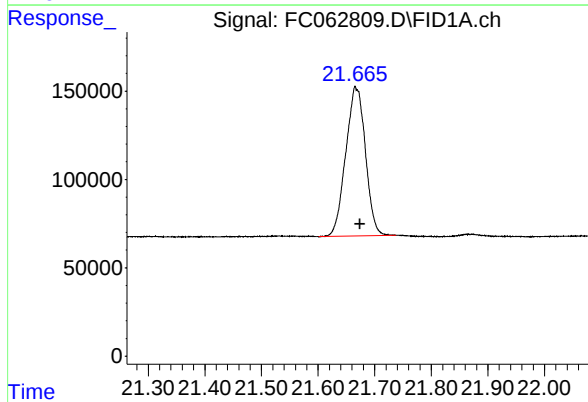
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2044008
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.009 min
Response: 2039017
Conc: 20.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.008 min
Response: 2037461
Conc: 21.14 ug/ml