

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021725AL\
 Data File : FC068273.D
 Signal(s) : FID1A.ch
 Acq On : 17 Feb 2025 13:39
 Operator : YP/AJ
 Sample : PB166742BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166742BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2025
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e
 Quant Time: Feb 18 02:03:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 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)	11.402	5853843	37.461 ug/ml
Spiked Amount 50.000		Recovery =	74.92%
12) S 1-chlorooctadecane (S...	12.843	4619003	40.164 ug/ml
Spiked Amount 50.000		Recovery =	80.33%
Target Compounds			
1) T n-Nonane (C9)	3.216	5461835	39.887 ug/ml
2) T n-Decane (C10)	4.269	5708958	41.121 ug/ml
3) T A~Naphthalene (C11.7)	5.833	6558791	43.689 ug/ml
4) T n-Dodecane (C12)	6.274	5732414	41.034 ug/ml
5) T A~2-methylnaphthalene...	6.885	5981093	41.642 ug/ml
6) T n-Tetradecane (C14)	8.064	5722285	41.928 ug/ml
7) T n-Hexadecane (C16)	9.658	5575151	40.124 ug/ml
8) T n-Octadecane (C18)	11.096	5495799	39.279 ug/ml
10) T n-Eicosane (C20)	12.404	5597215	41.832 ug/ml
11) T n-Heneicosane (C21)	13.013	5311684	40.442 ug/ml
13) T n-Docosane (C22)	13.598	5262493	40.626 ug/ml
14) T n-Tetracosane (C24)	14.658	10850546	84.515 ug/mlm
15) T n-Hexacosane (C26)	15.720	5066314	40.261 ug/ml
16) T n-Octacosane (C28)	16.666	4995463	39.941 ug/ml
17) T n-Tricontane (C30)	17.554	5027322	38.895 ug/ml
18) T n-Dotriacontane (C32)	18.384	4951192	39.606 ug/ml
19) T n-Tetratriacontane (C34)	19.165	4939447	45.535 ug/ml
20) T n-Hexatriacontane (C36)	19.906	4732647	51.140 ug/ml
21) T n-Octatriacontane (C38)	20.619	4665267	54.445 ug/ml
22) T n-Tetracontane (C40)	21.472	4593662	56.810 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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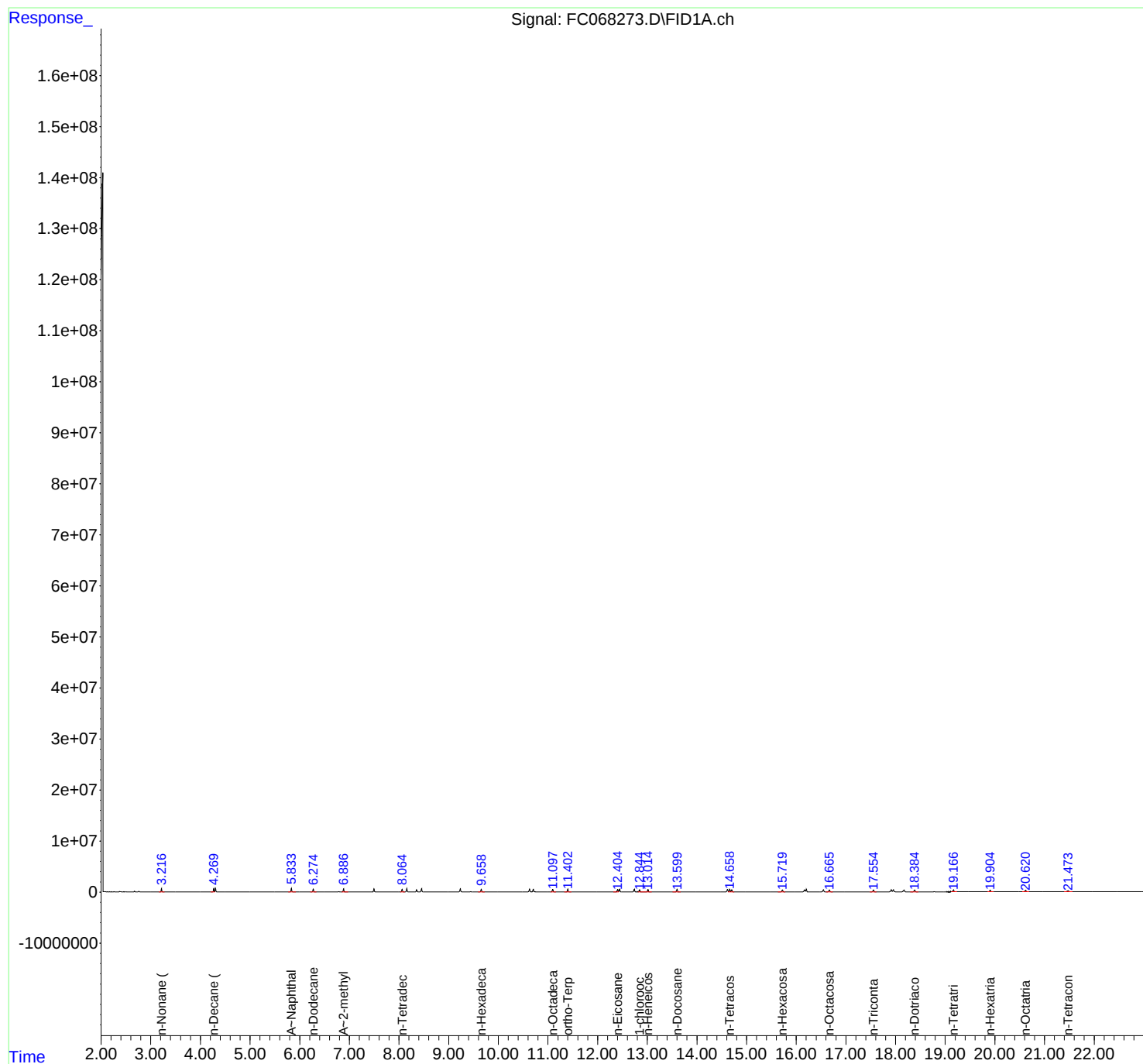
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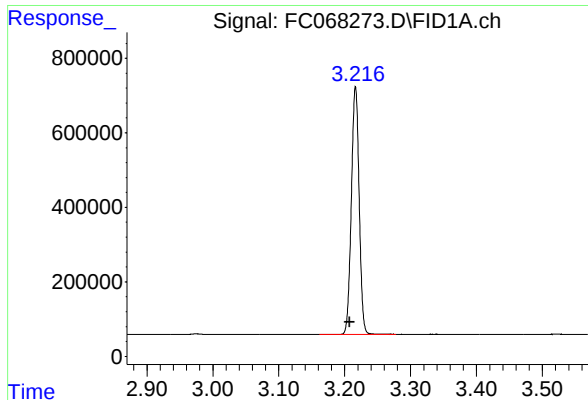
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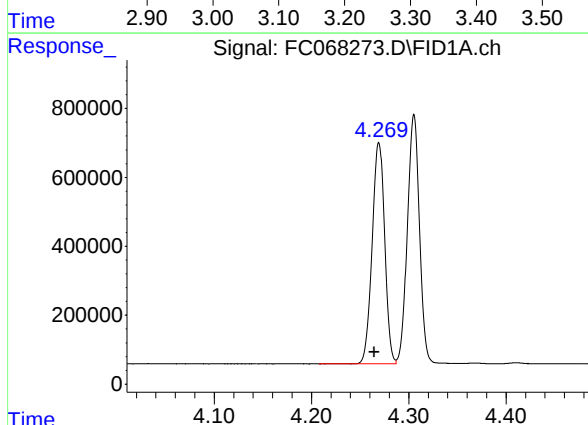
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: 0.008 min
Response: 5461835
Conc: 39.89 ug/ml

Instrument :
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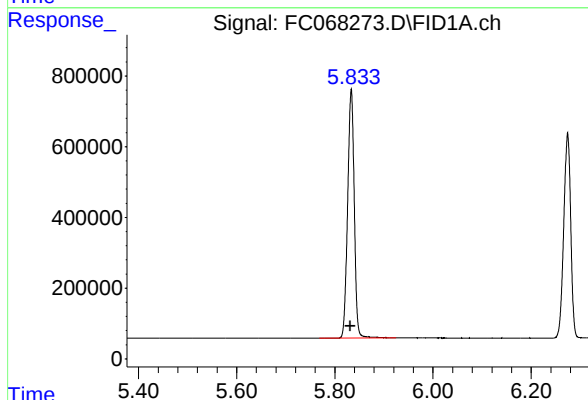
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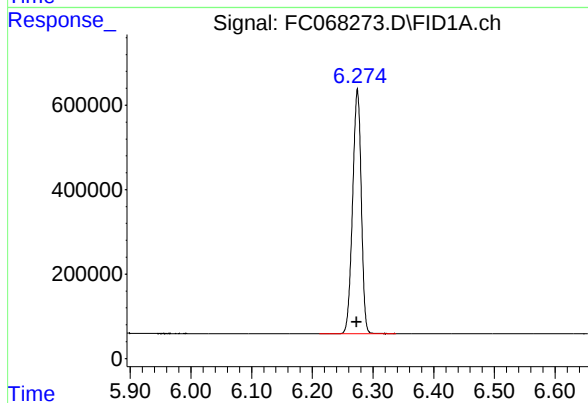
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 5708958
Conc: 41.12 ug/ml



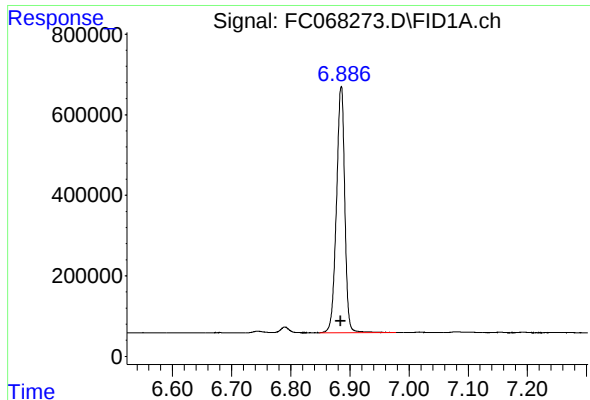
#3 A~Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.002 min
Response: 6558791
Conc: 43.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.274 min
Delta R.T.: 0.001 min
Response: 5732414
Conc: 41.03 ug/ml



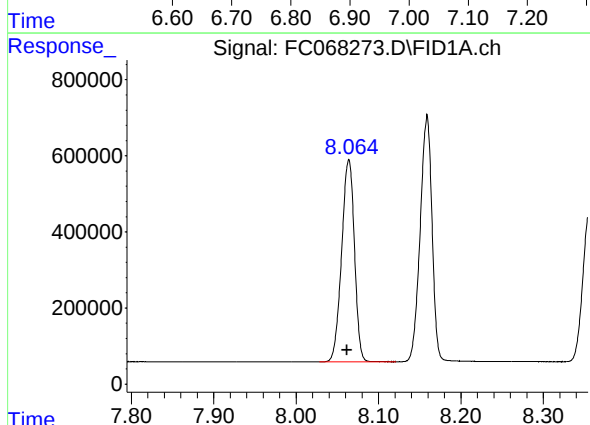
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 5981093
Conc: 41.64 ug/ml

Instrument :
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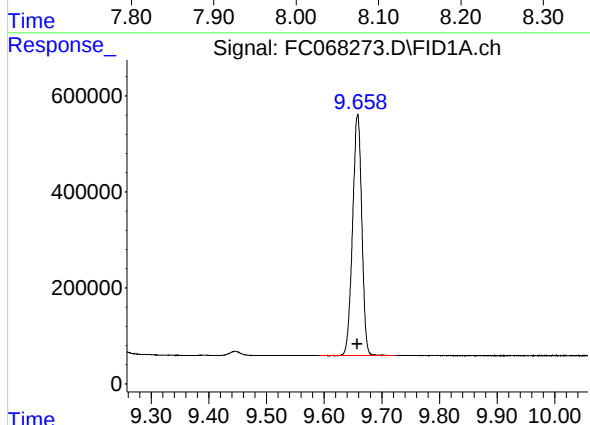
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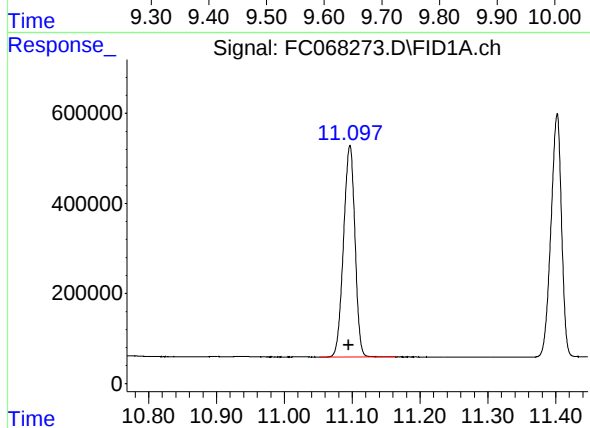
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 5722285
Conc: 41.93 ug/ml



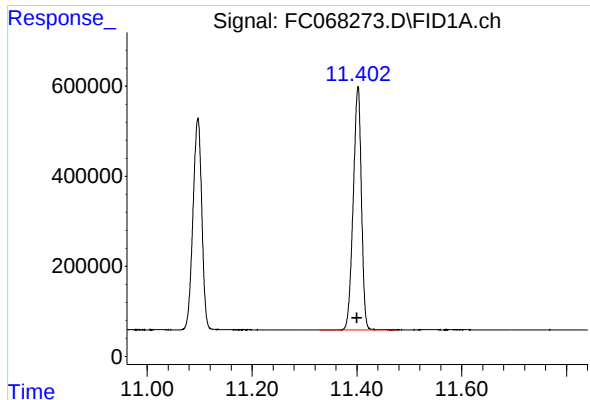
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.000 min
Response: 5575151
Conc: 40.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.002 min
Response: 5495799
Conc: 39.28 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: 0.002 min
Response: 5853843
Conc: 37.46 ug/ml

Instrument :

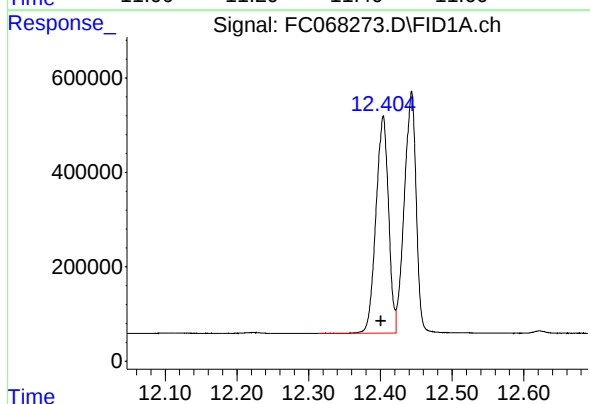
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ClientSampleId :

PB166742BS

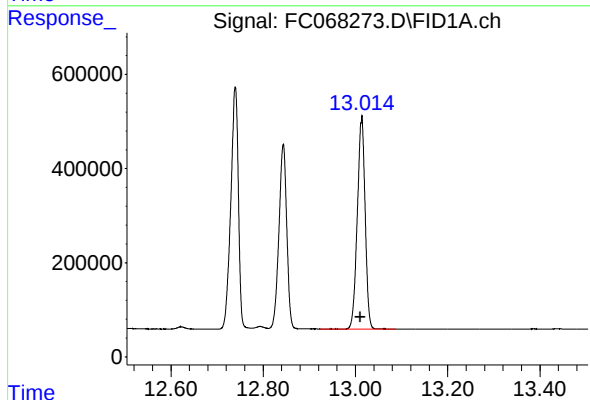
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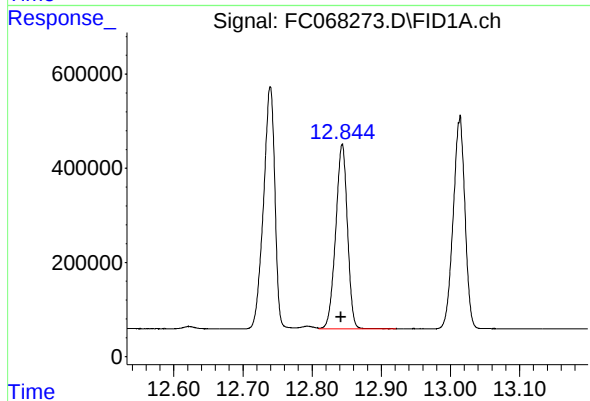
#10 n-Eicosane (C20)

R.T.: 12.404 min
Delta R.T.: 0.003 min
Response: 5597215
Conc: 41.83 ug/ml



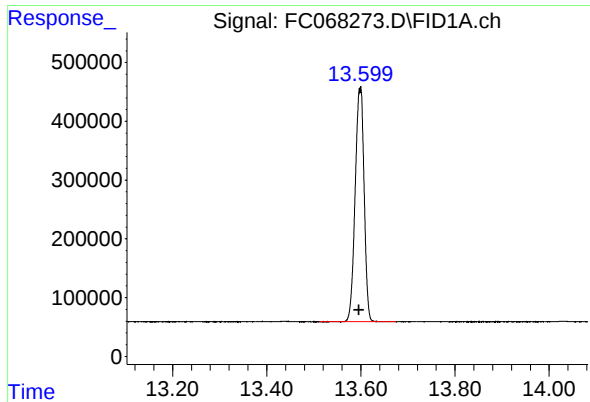
#11 n-Heneicosane (C21)

R.T.: 13.013 min
Delta R.T.: 0.002 min
Response: 5311684
Conc: 40.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.002 min
Response: 4619003
Conc: 40.16 ug/ml



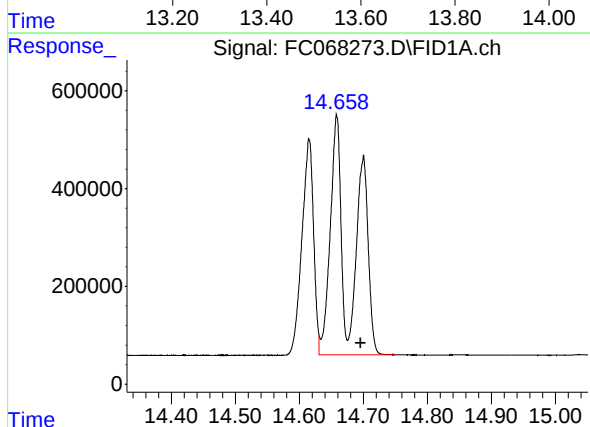
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5262493
Conc: 40.63 ug/ml

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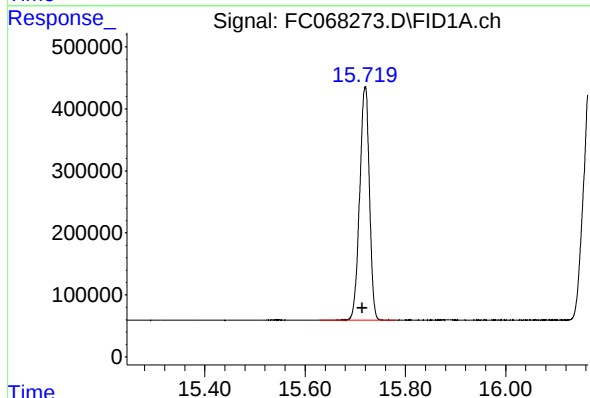
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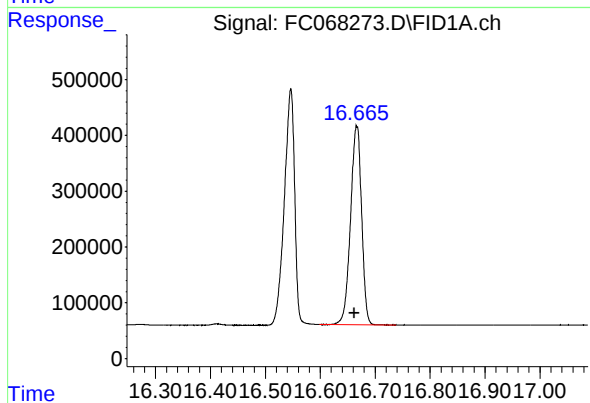
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: -0.038 min
Response: 10850546
Conc: 84.51 ug/ml m



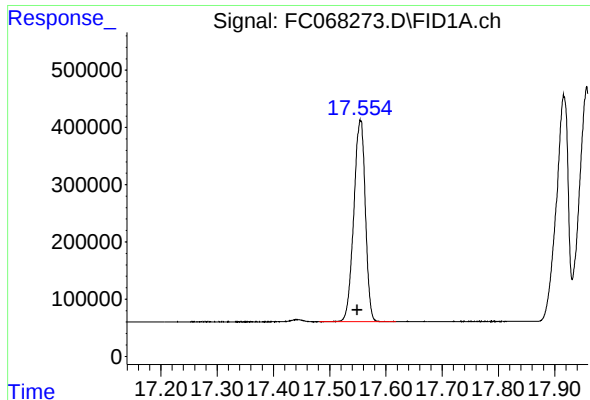
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: 0.006 min
Response: 5066314
Conc: 40.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.666 min
Delta R.T.: 0.004 min
Response: 4995463
Conc: 39.94 ug/ml



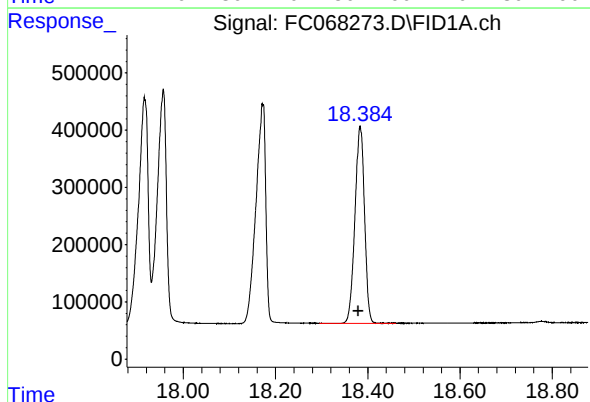
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: 0.005 min
Response: 5027322
Conc: 38.89 ug/ml

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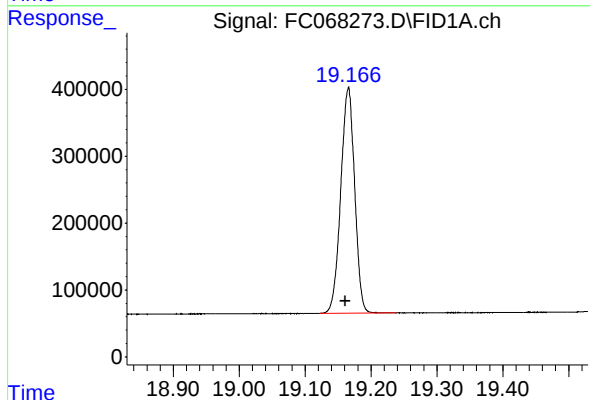
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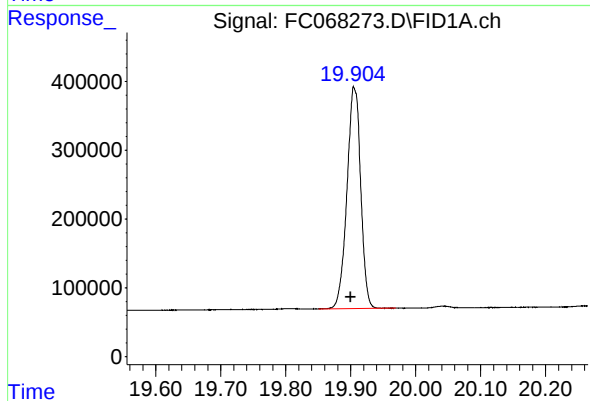
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.004 min
Response: 4951192
Conc: 39.61 ug/ml



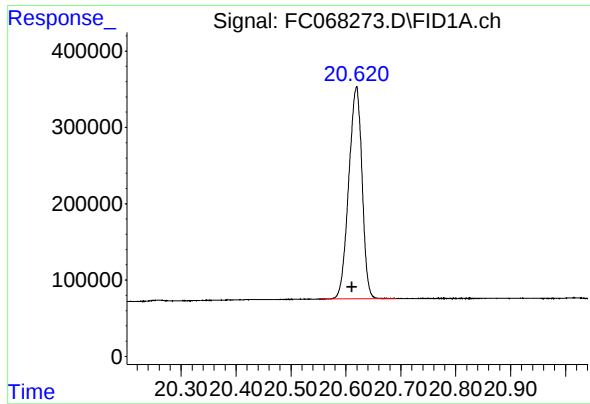
#19 n-Tetratriacontane (C34)

R.T.: 19.165 min
Delta R.T.: 0.004 min
Response: 4939447
Conc: 45.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: 0.006 min
Response: 4732647
Conc: 51.14 ug/ml



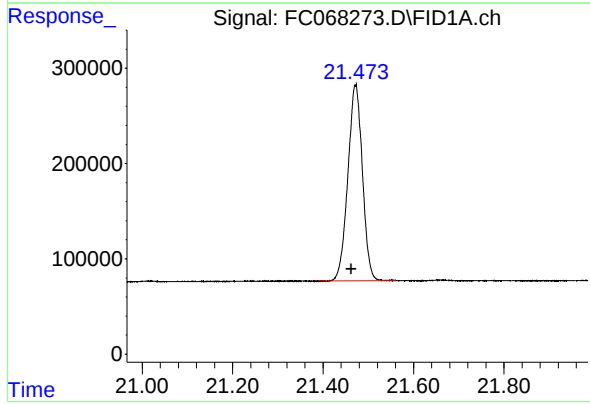
#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: 0.008 min
Response: 4665267
Conc: 54.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: 0.009 min
Response: 4593662
Conc: 56.81 ug/ml