

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091923AL\
 Data File : FC064621.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2023 18:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :Ankita Jodhani 09/20/2023

Integration File: autoint1.e
 Quant Time: Sep 20 01:25:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.511	4410417	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	12.943	3237815	22.229 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
Target Compounds			
1) T n-Nonane (C9)	3.310	3675252	20.797 ug/ml
2) T n-Decane (C10)	4.369	3732503	20.777 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3957663	21.066 ug/ml
4) T n-Dodecane (C12)	6.379	3804654	20.946 ug/ml
5) T A~2-methylnaphthalene...	7.002	3792712	21.267 ug/ml
6) T n-Tetradecane (C14)	8.167	3713175	20.927 ug/ml
7) T n-Hexadecane (C16)	9.761	3726724	20.732 ug/ml
8) T n-Octadecane (C18)	11.198	3742964	20.673 ug/ml
10) T n-Eicosane (C20)	12.501	3613500	21.213 ug/ml
11) T n-Heneicosane (C21)	13.111	3552927	21.451 ug/ml
13) T n-Docosane (C22)	13.694	3508734	21.538 ug/ml
14) T n-Tetracosane (C24)	14.793	3416664	21.521 ug/ml
15) T n-Hexacosane (C26)	15.810	3288550	21.543 ug/ml
16) T n-Octacosane (C28)	16.754	3172056	21.433 ug/ml
17) T n-Tricontane (C30)	17.640	3134851	21.102 ug/ml
18) T n-Dotriacontane (C32)	18.466	3107109	21.290 ug/mlm
19) T n-Tetratriacontane (C34)	19.247	2957852	20.805 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2915795	21.170 ug/ml
21) T n-Octatriacontane (C38)	20.705	3115321	22.731 ug/mlm
22) T n-Tetracontane (C40)	21.584	2845000	20.915 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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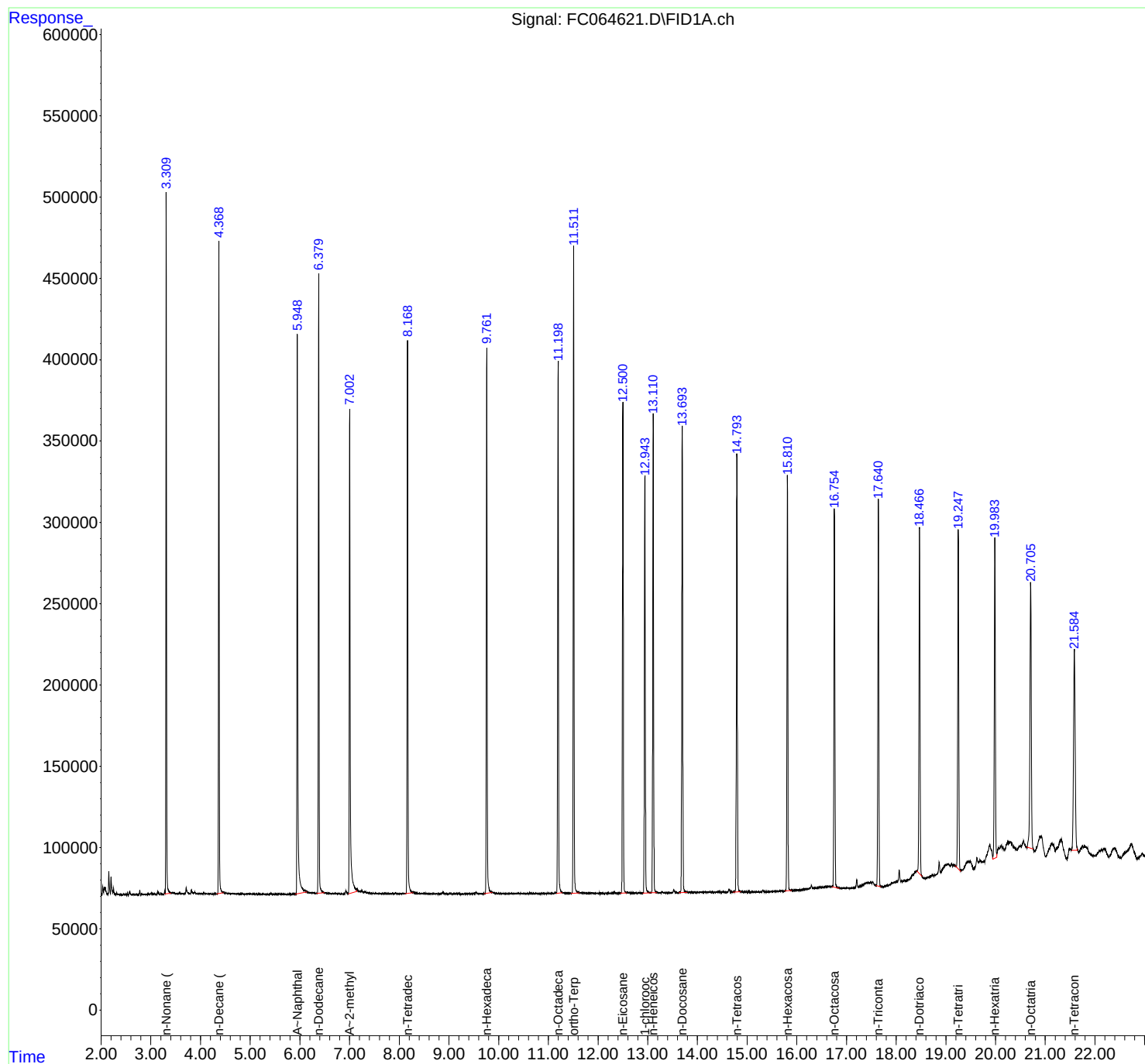
Instrument :
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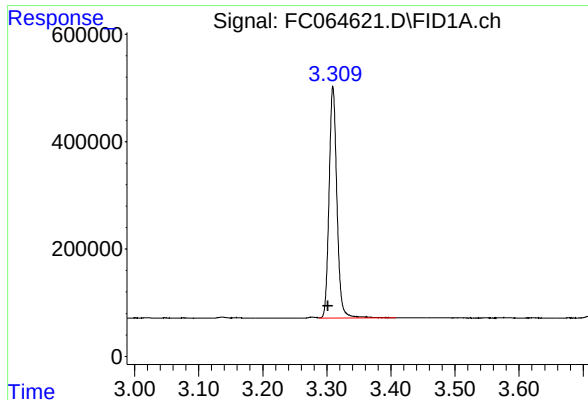
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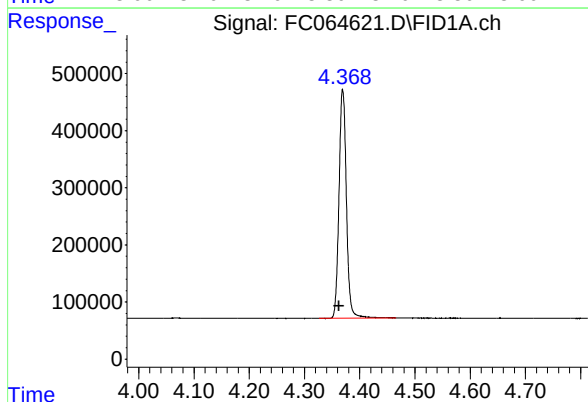
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.008 min
Response: 3675252
Conc: 20.80 ug/ml

Instrument :
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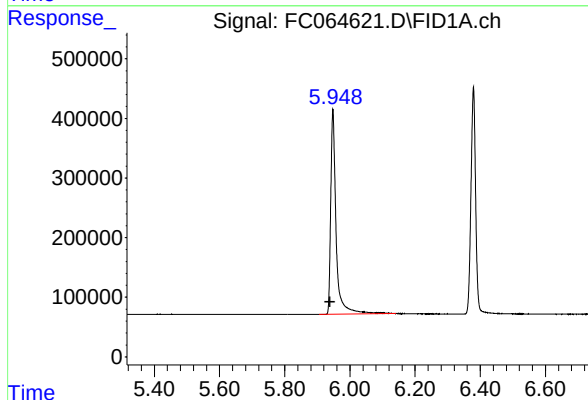
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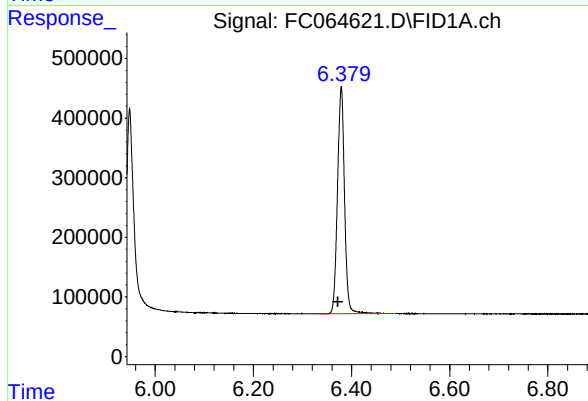
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.007 min
Response: 3732503
Conc: 20.78 ug/ml



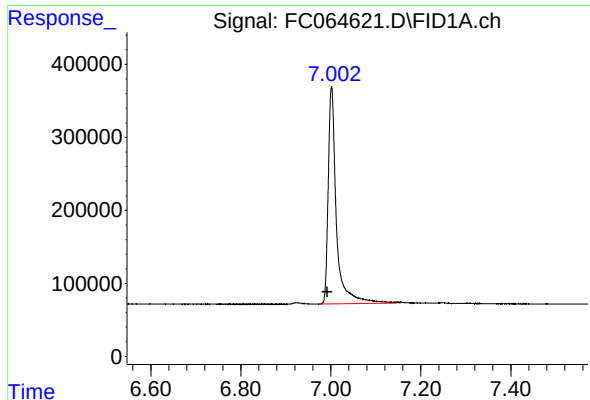
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.009 min
Response: 3957663
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: 0.007 min
Response: 3804654
Conc: 20.95 ug/ml



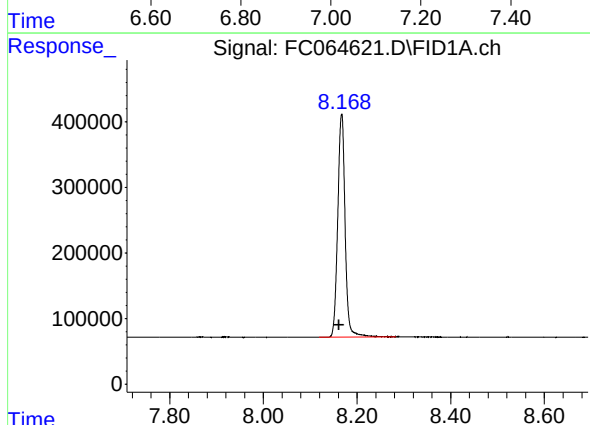
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.009 min
Response: 3792712
Conc: 21.27 ug/ml

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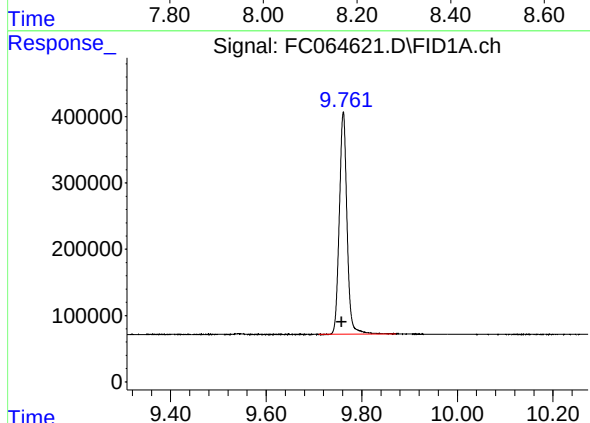
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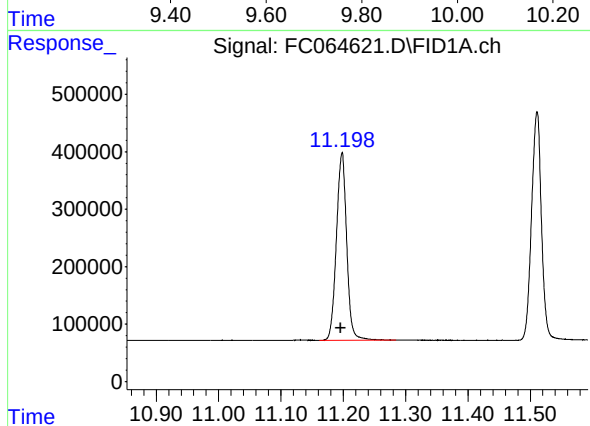
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 3713175
Conc: 20.93 ug/ml



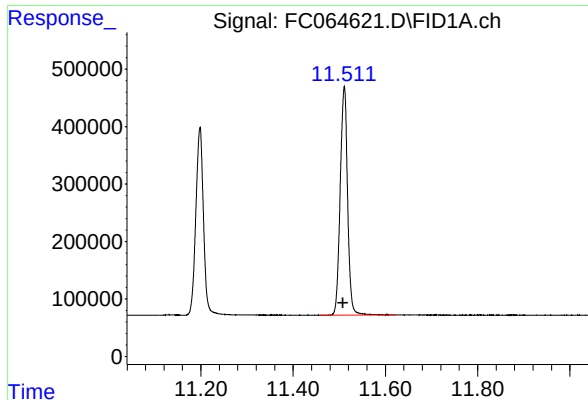
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: 0.003 min
Response: 3726724
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: 0.003 min
Response: 3742964
Conc: 20.67 ug/ml



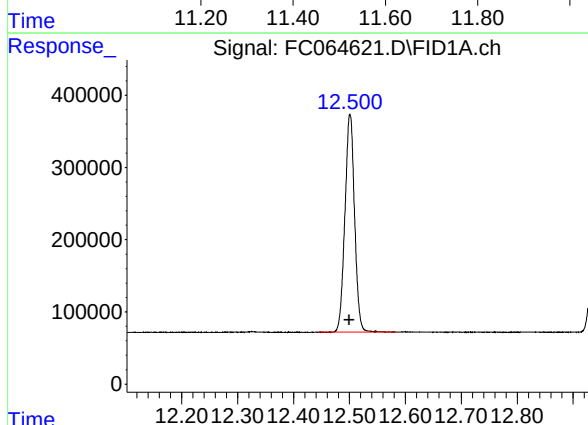
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: 0.003 min
Response: 4410417
Conc: 21.80 ug/ml

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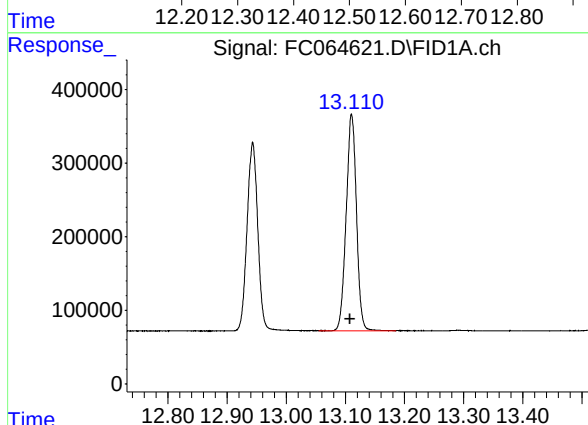
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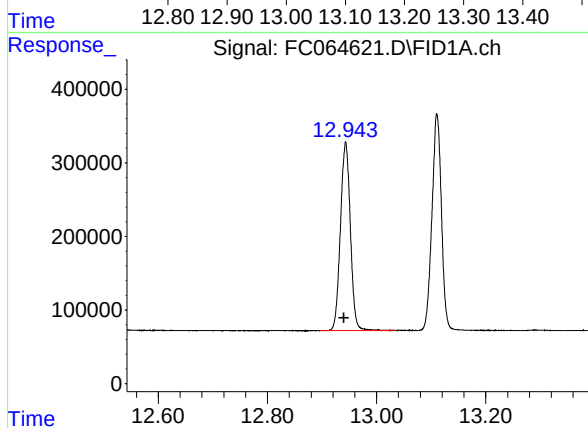
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.002 min
Response: 3613500
Conc: 21.21 ug/ml



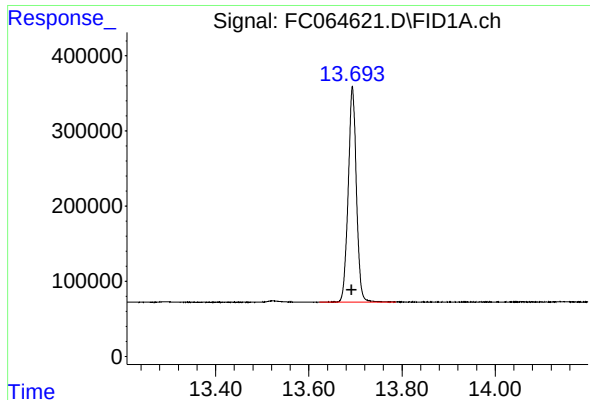
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.003 min
Response: 3552927
Conc: 21.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: 0.003 min
Response: 3237815
Conc: 22.23 ug/ml



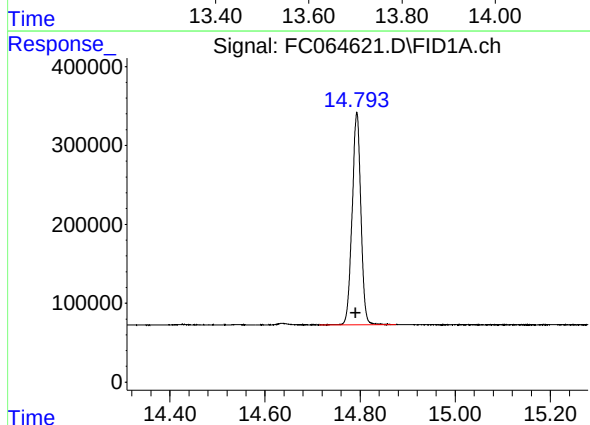
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.002 min
Response: 3508734
Conc: 21.54 ug/ml

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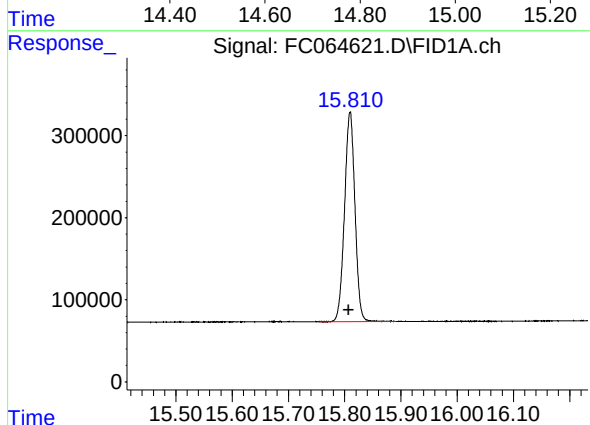
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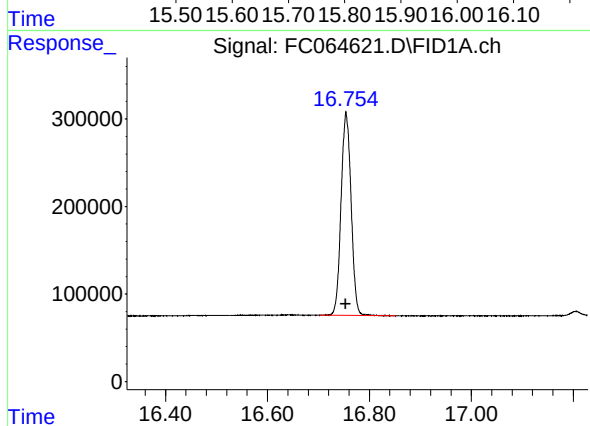
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.003 min
Response: 3416664
Conc: 21.52 ug/ml



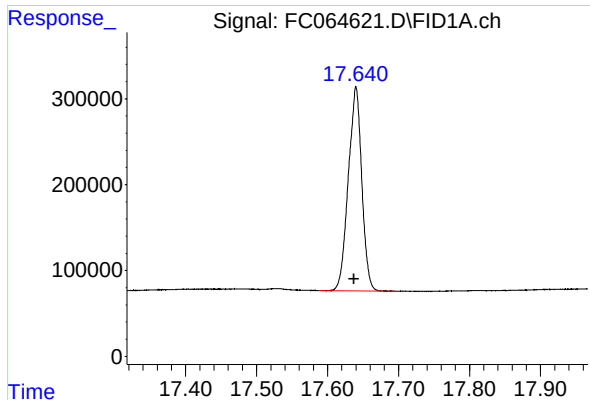
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.003 min
Response: 3288550
Conc: 21.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 3172056
Conc: 21.43 ug/ml



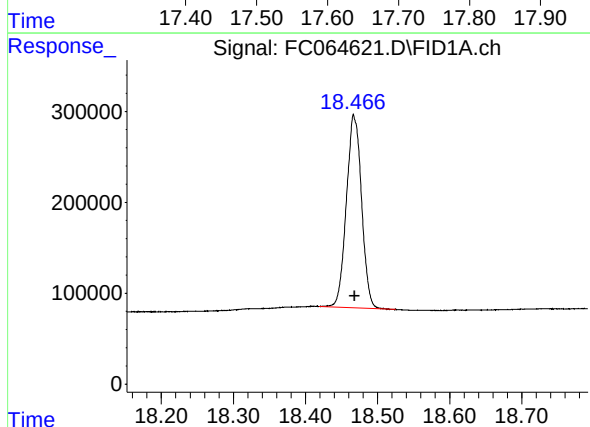
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: 0.003 min
Response: 3134851
Conc: 21.10 ug/ml

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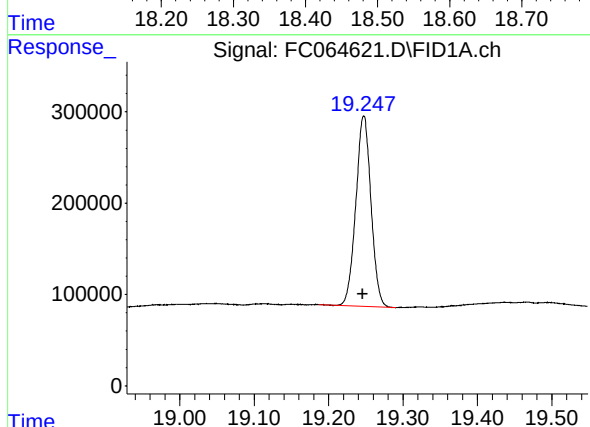
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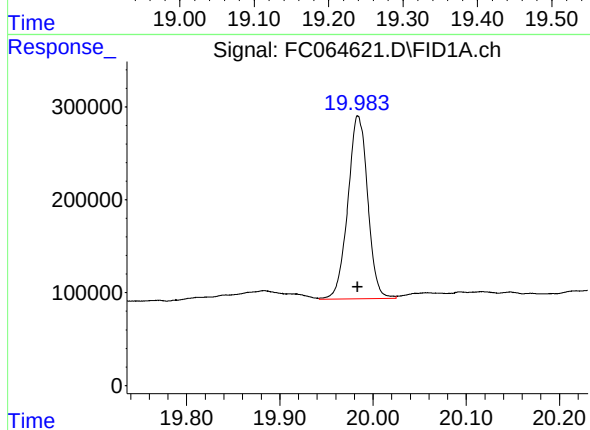
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.002 min
Response: 3107109
Conc: 21.29 ug/ml



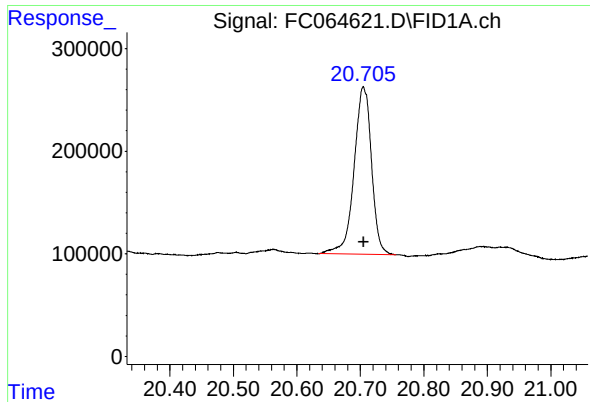
#19 n-Tetatriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.002 min
Response: 2957852
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 2915795
Conc: 21.17 ug/ml



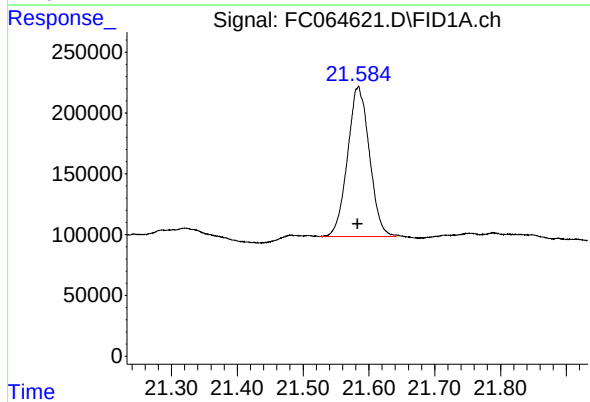
#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 3115321
Conc: 22.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.000 min
Response: 2845000
Conc: 20.91 ug/ml m