

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080222AL\
 Data File : FC060948.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2022 11:00
 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 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 06:16:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.630	3156504	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	11.995	2557891	19.268 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
Target Compounds			
1) T n-Nonane (C9)	2.625	2814957	19.987 ug/ml
2) T n-Decane (C10)	3.619	2890357	20.489 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2960566	20.828 ug/ml
4) T n-Dodecane (C12)	5.564	3000481	20.244 ug/ml
5) T A~2-methylnaphthalene...	6.184	2878268	20.986 ug/ml
6) T n-Tetradecane (C14)	7.313	3027175	20.163 ug/ml
7) T n-Hexadecane (C16)	8.874	3073882	20.086 ug/ml
8) T n-Octadecane (C18)	10.281	3099345	19.848 ug/ml
10) T n-Eicosane (C20)	11.559	3063949	19.524 ug/ml
11) T n-Heneicosane (C21)	12.156	3031326	19.373 ug/ml
13) T n-Docosane (C22)	12.728	3001843	19.253 ug/ml
14) T n-Tetracosane (C24)	13.805	2882654	18.882 ug/ml
15) T n-Hexacosane (C26)	14.801	2753262	18.445 ug/ml
16) T n-Octacosane (C28)	15.728	2652242	18.509 ug/ml
17) T n-Tricontane (C30)	16.595	2731238	19.509 ug/ml
18) T n-Dotriacontane (C32)	17.406	2768618	20.514 ug/ml
19) T n-Tetratriacontane (C34)	18.170	2615276	20.852 ug/mlm
20) T n-Hexatriacontane (C36)	18.889	2562001	20.960 ug/mlm
21) T n-Octatriacontane (C38)	19.574	2488421	21.084 ug/mlm
22) T n-Tetracontane (C40)	20.219	2415304	20.985 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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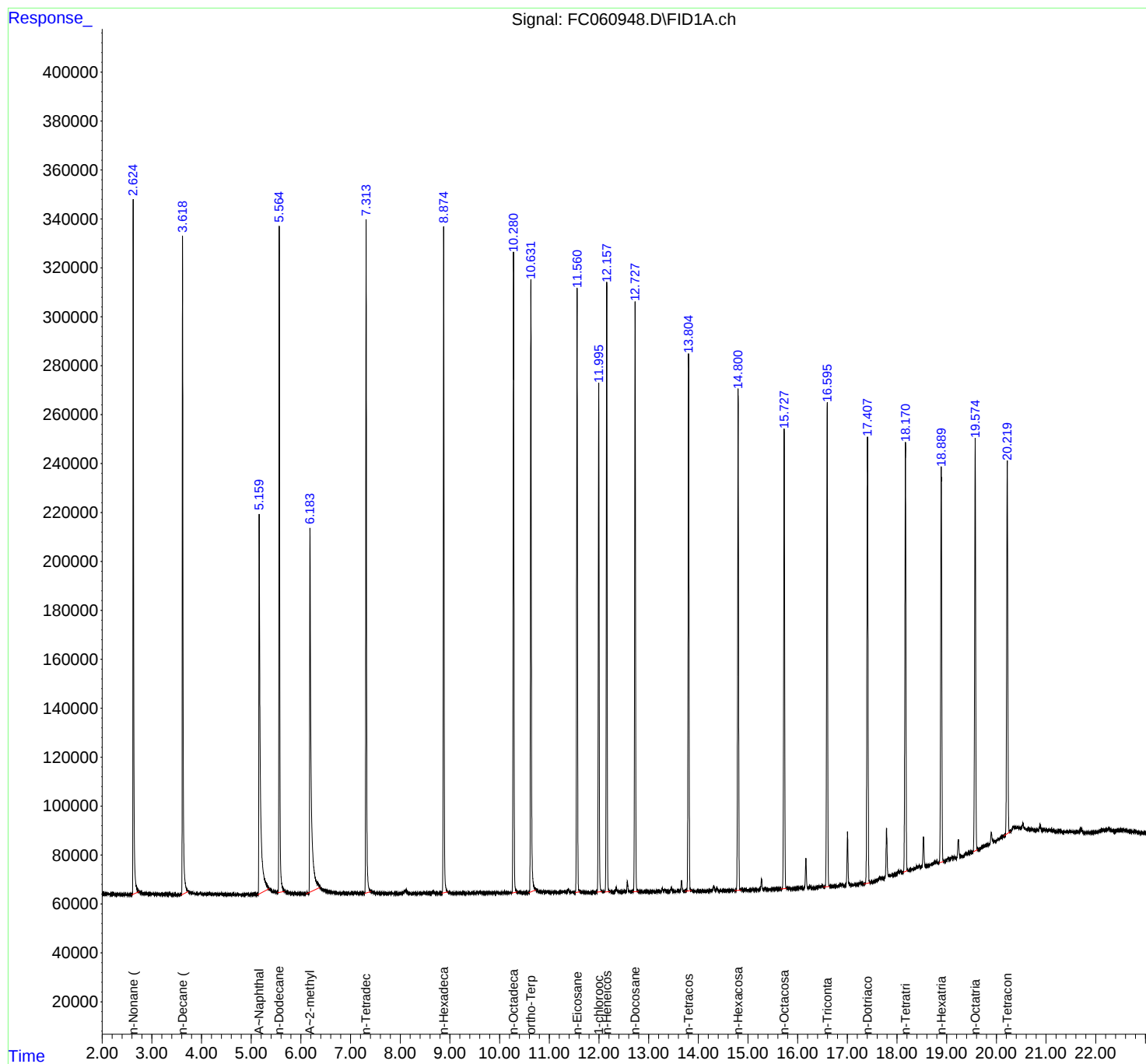
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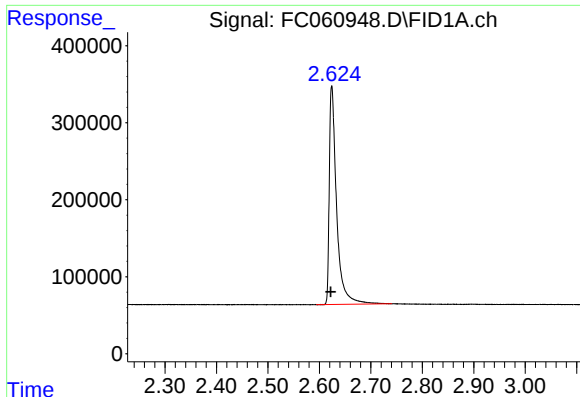
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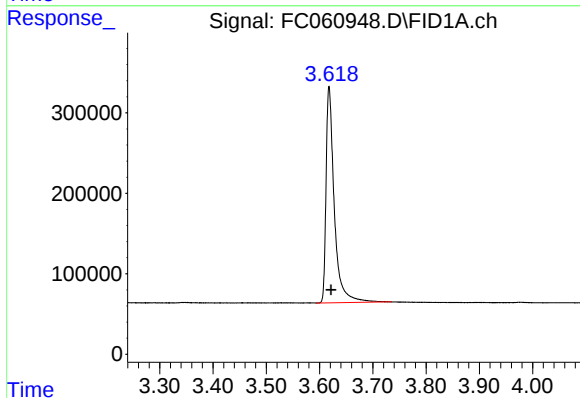
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: 0.003 min
Response: 2814957
Conc: 19.99 ug/ml

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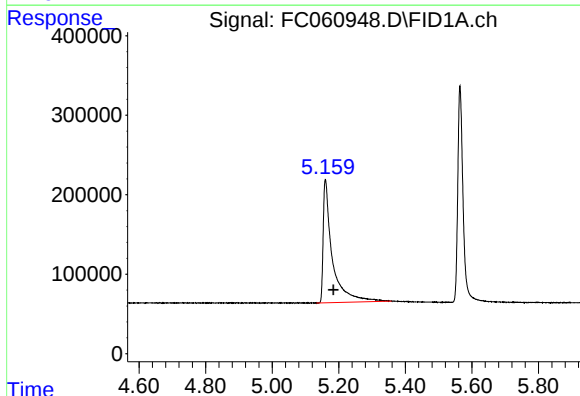
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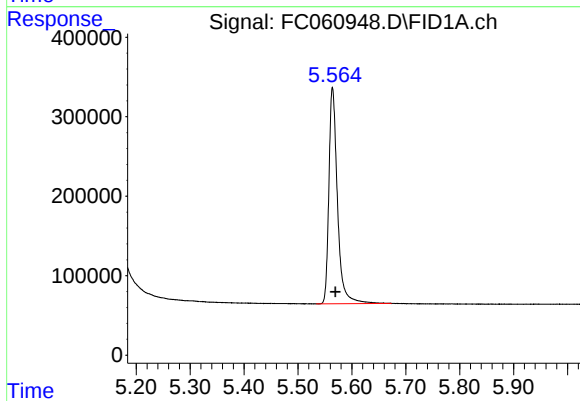
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 2890357
Conc: 20.49 ug/ml



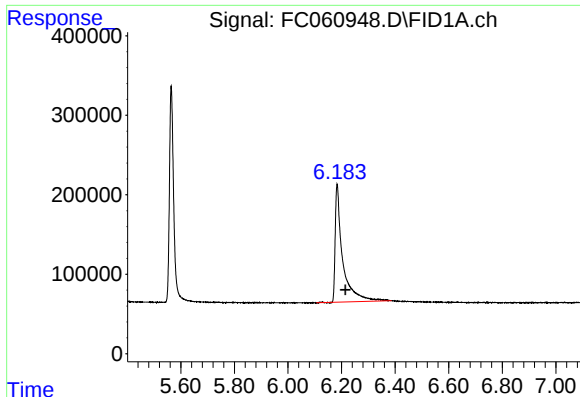
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.024 min
Response: 2960566
Conc: 20.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.564 min
Delta R.T.: -0.005 min
Response: 3000481
Conc: 20.24 ug/ml



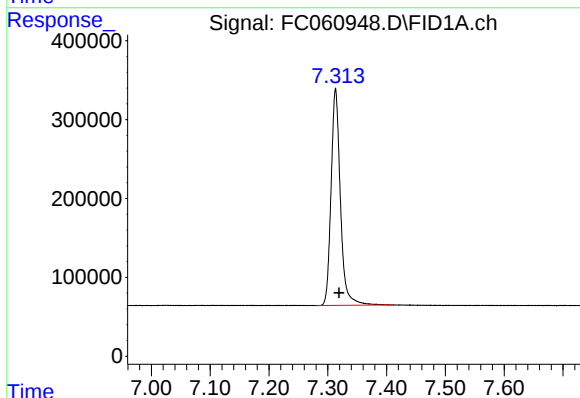
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.031 min
Response: 2878268
Conc: 20.99 ug/ml

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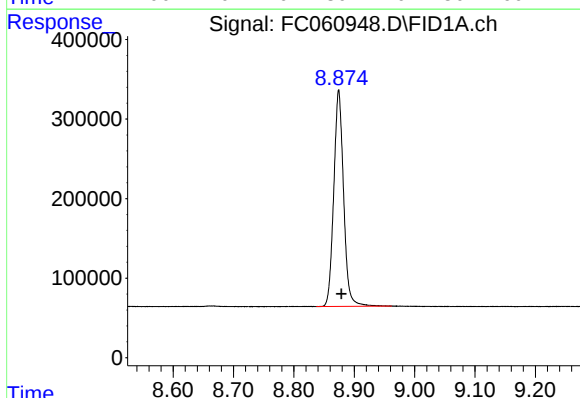
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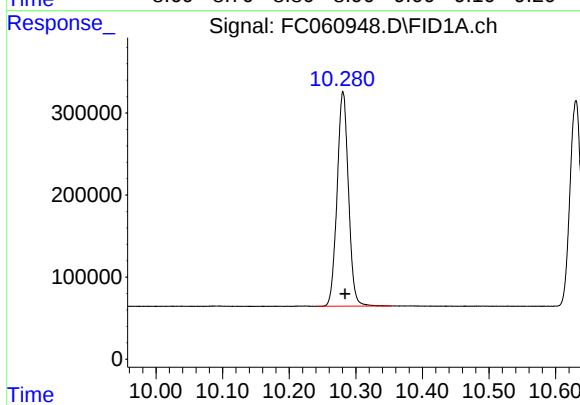
#6 n-Tetradecane (C14)

R.T.: 7.313 min
Delta R.T.: -0.006 min
Response: 3027175
Conc: 20.16 ug/ml



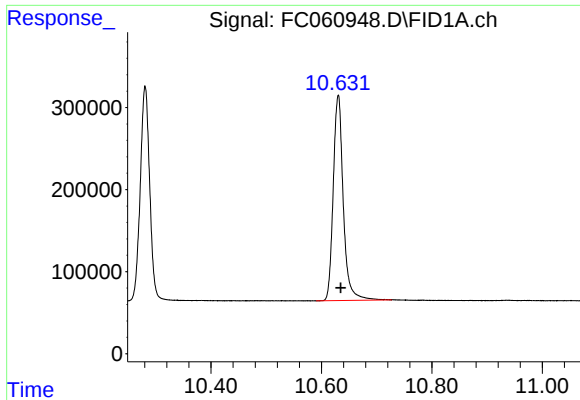
#7 n-Hexadecane (C16)

R.T.: 8.874 min
Delta R.T.: -0.004 min
Response: 3073882
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 3099345
Conc: 19.85 ug/ml



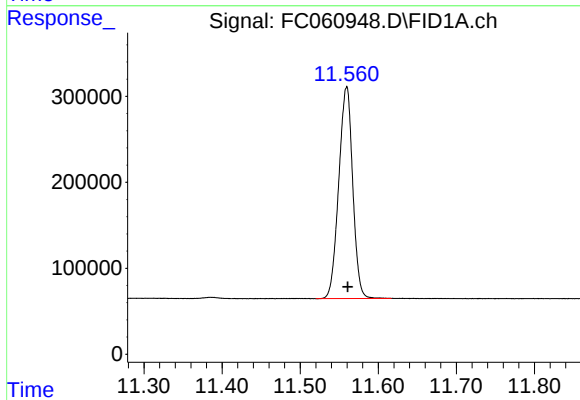
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.004 min
Response: 3156504
Conc: 19.23 ug/ml

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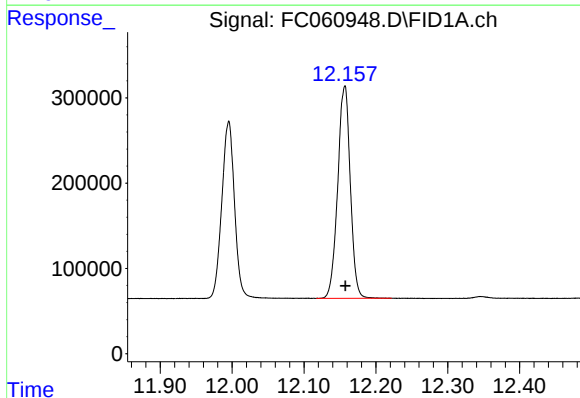
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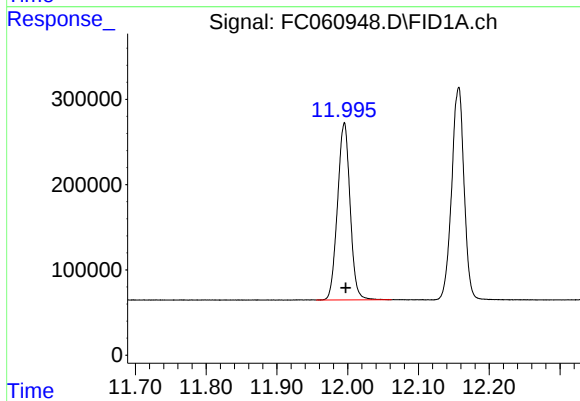
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 3063949
Conc: 19.52 ug/ml



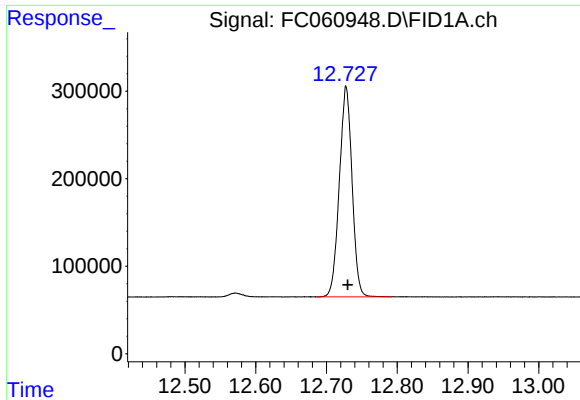
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 3031326
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.002 min
Response: 2557891
Conc: 19.27 ug/ml



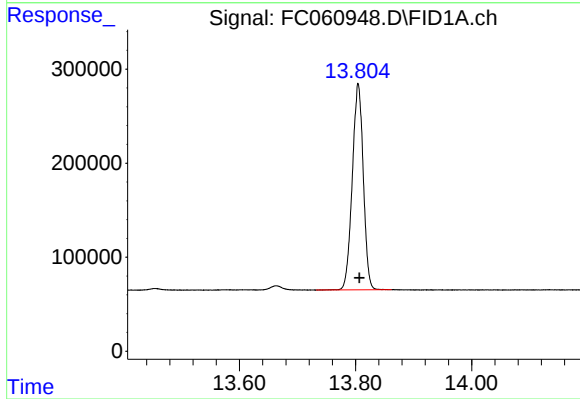
#13 n-Docosane (C22)

R.T.: 12.728 min
Delta R.T.: -0.002 min
Response: 3001843
Conc: 19.25 ug/ml

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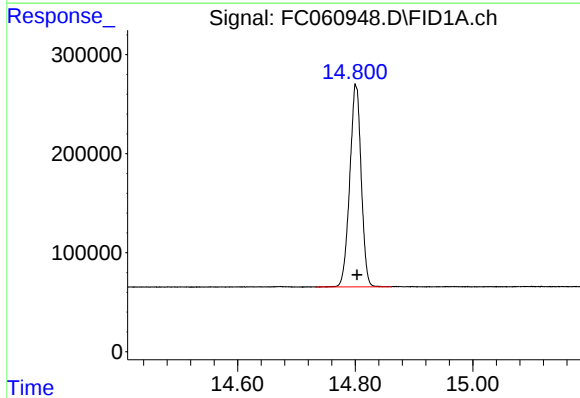
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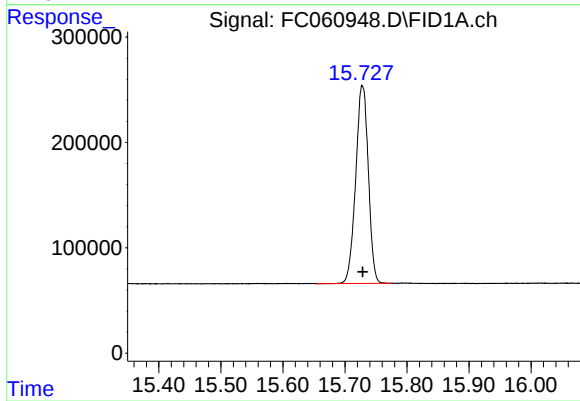
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.002 min
Response: 2882654
Conc: 18.88 ug/ml



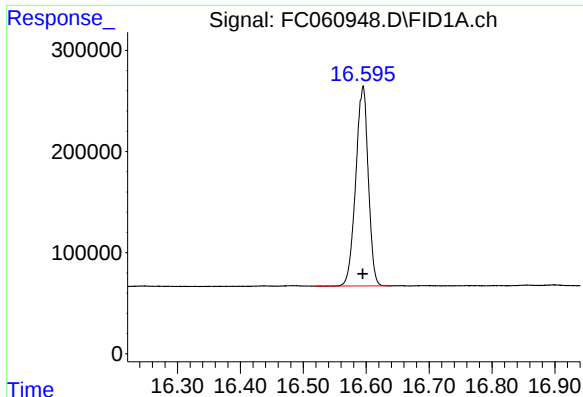
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 2753262
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: 0.000 min
Response: 2652242
Conc: 18.51 ug/ml



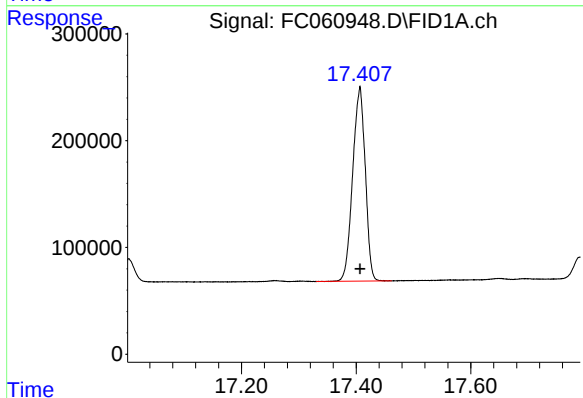
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.000 min
Response: 2731238
Conc: 19.51 ug/ml

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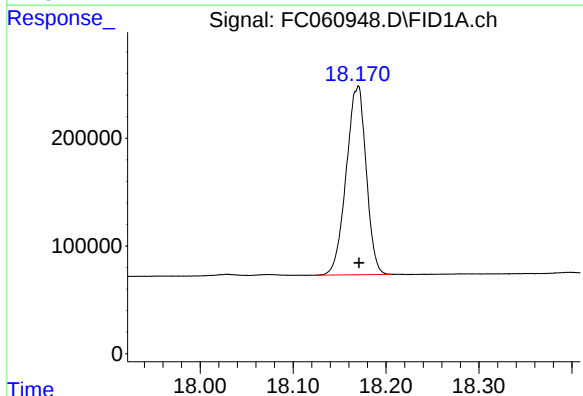
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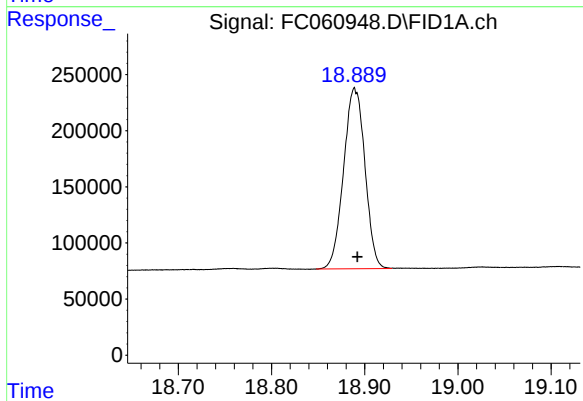
#18 n-Dotriacontane (C32)

R.T.: 17.406 min
Delta R.T.: 0.000 min
Response: 2768618
Conc: 20.51 ug/ml



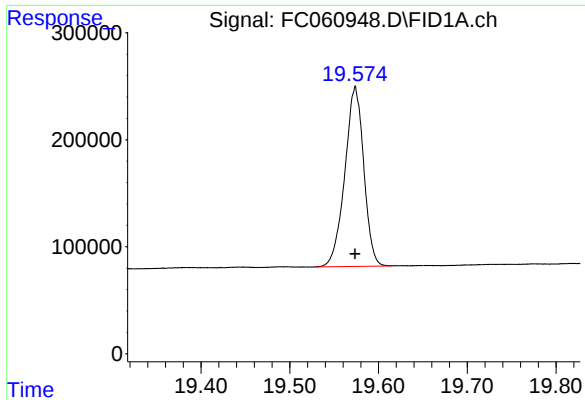
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: -0.001 min
Response: 2615276
Conc: 20.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.003 min
Response: 2562001
Conc: 20.96 ug/ml m



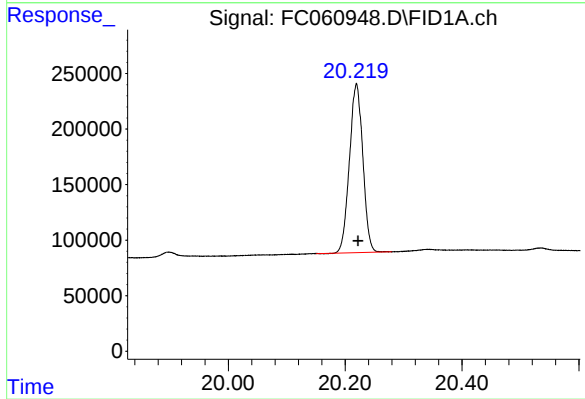
#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: 0.000 min
Response: 2488421
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 2415304
Conc: 20.99 ug/ml