

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070722AL\
 Data File : FC060620.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2022 18:53
 Operator : YP/AJ
 Sample : N3605-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OE-2-070622MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 08 04:26:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.640	7192740	39.249 ug/ml
Spiked Amount 50.000		Recovery =	78.50%
12) S 1-chlorooctadecane (S...	12.028	24802526	168.273 ug/ml
Spiked Amount 50.000		Recovery =	336.55%
Target Compounds			
1) T n-Nonane (C9)	2.622	5225018	34.062 ug/ml
2) T n-Decane (C10)	3.618	5804862	38.010 ug/ml
3) T A~Naphthalene (C11.7)	5.152	7309812	43.722 ug/ml
4) T n-Dodecane (C12)	5.566	7294767	45.137 ug/ml
5) T A~2-methylnaphthalene...	6.177	8468701	49.819 ug/ml
6) T n-Tetradecane (C14)	7.322	8616758	52.160 ug/mlm
7) T n-Hexadecane (C16)	8.883	9429086	55.793 ug/ml
8) T n-Octadecane (C18)	10.294	9957430	57.878 ug/mlm
10) T n-Eicosane (C20)	11.576	10540731	61.761 ug/ml
11) T n-Heneicosane (C21)	12.174	9179450	53.838 ug/ml
13) T n-Docosane (C22)	12.744	9388368	55.076 ug/ml
14) T n-Tetracosane (C24)	13.826	10231391	60.937 ug/mlm
15) T n-Hexacosane (C26)	14.822	8192281	49.853 ug/ml
16) T n-Octacosane (C28)	15.749	8234450	51.894 ug/ml
17) T n-Tricontane (C30)	16.618	7599511	49.924 ug/mlm
18) T n-Dotriacontane (C32)	17.430	7840885	53.939 ug/ml
19) T n-Tetratriacontane (C34)	18.198	7417179	58.398 ug/ml
20) T n-Hexatriacontane (C36)	18.919	6462409	57.583 ug/mlm
21) T n-Octatriacontane (C38)	19.604	6904820	63.077 ug/mlm
22) T n-Tetracontane (C40)	20.250	6402912	56.693 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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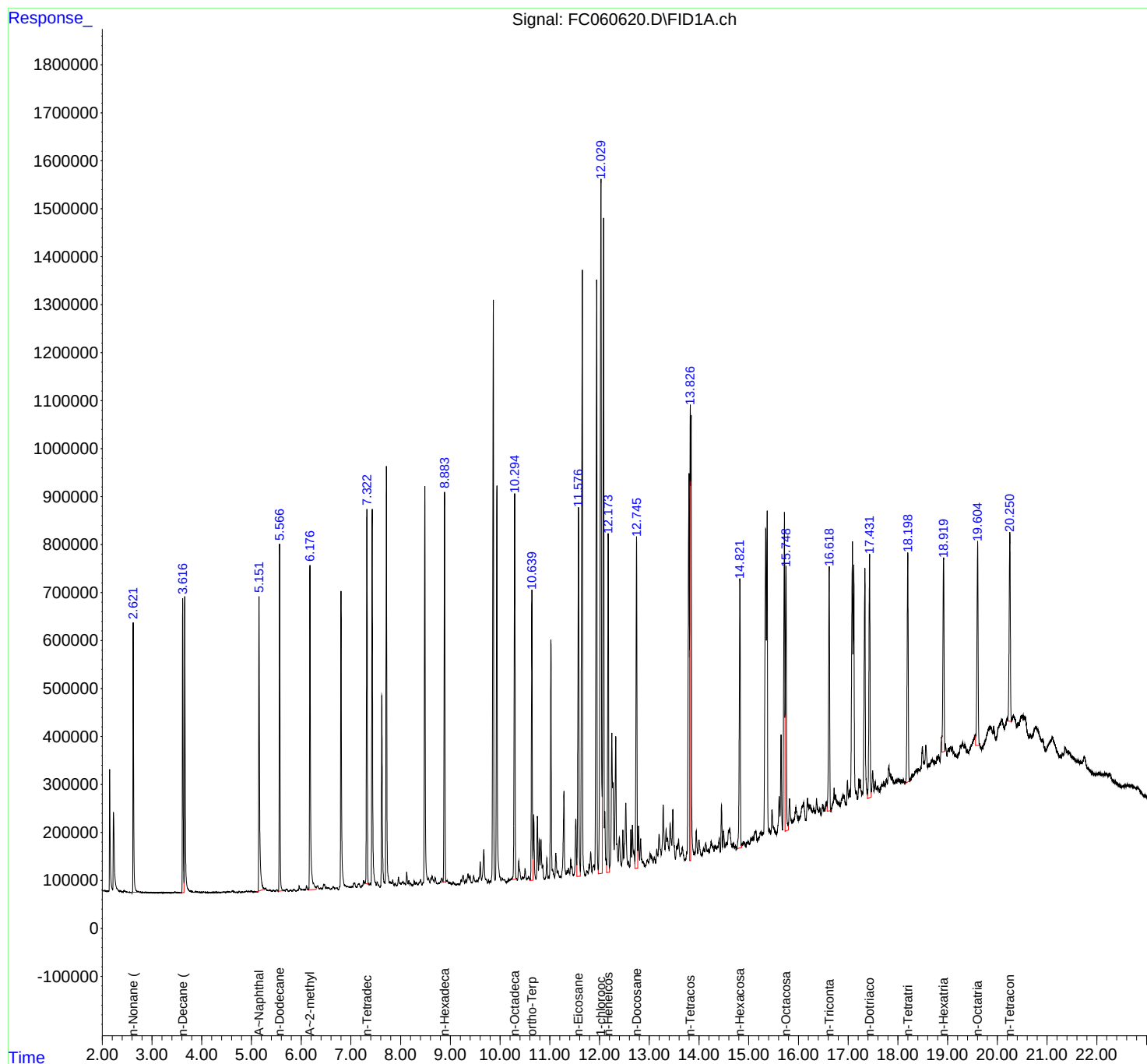
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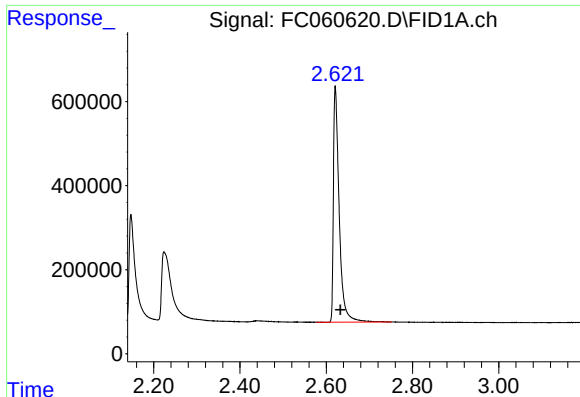
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#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.011 min
Response: 5225018
Conc: 34.06 ug/ml

Instrument :

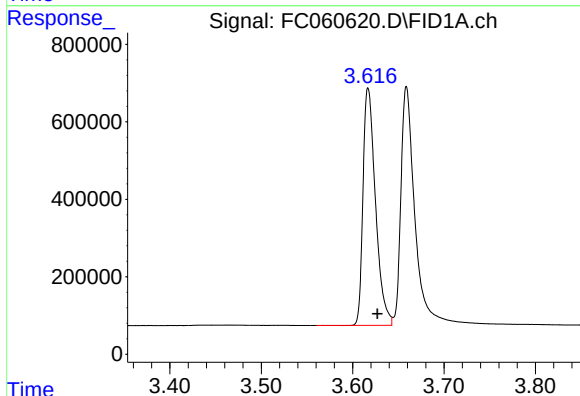
FID_C

ClientSampleId :

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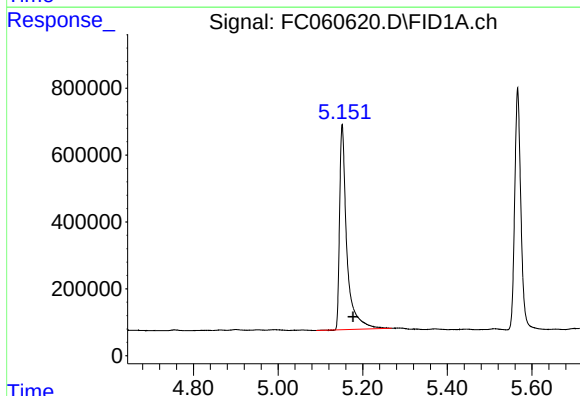
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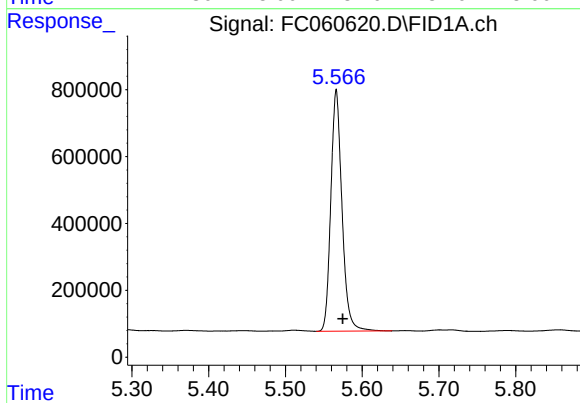
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.010 min
Response: 5804862
Conc: 38.01 ug/ml



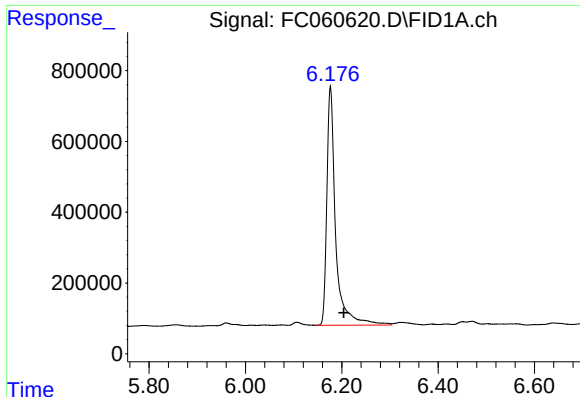
#3 A~Naphthalene (C11.7)

R.T.: 5.152 min
Delta R.T.: -0.025 min
Response: 7309812
Conc: 43.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.008 min
Response: 7294767
Conc: 45.14 ug/ml



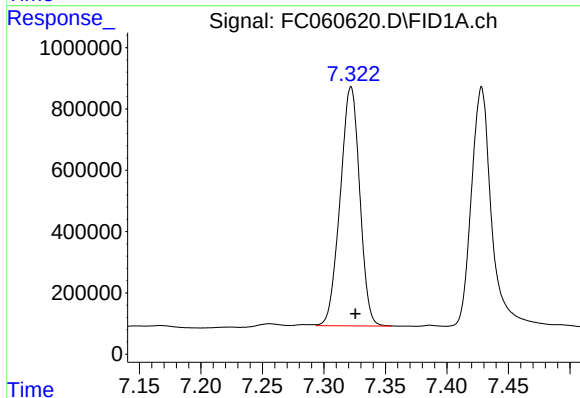
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.177 min
Delta R.T.: -0.027 min
Response: 8468701
Conc: 49.82 ug/ml

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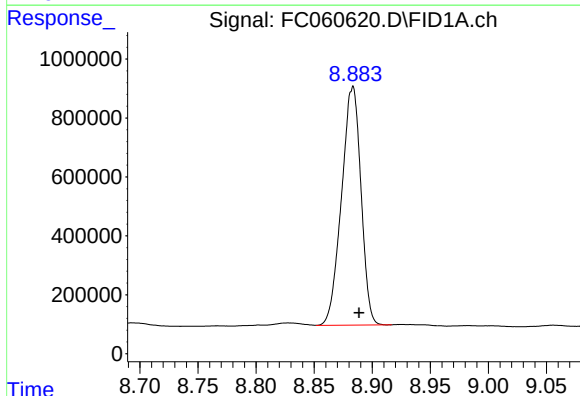
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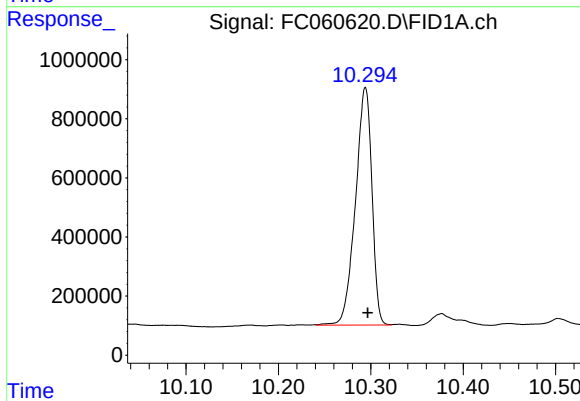
#6 n-Tetradecane (C14)

R.T.: 7.322 min
Delta R.T.: -0.004 min
Response: 8616758
Conc: 52.16 ug/ml m



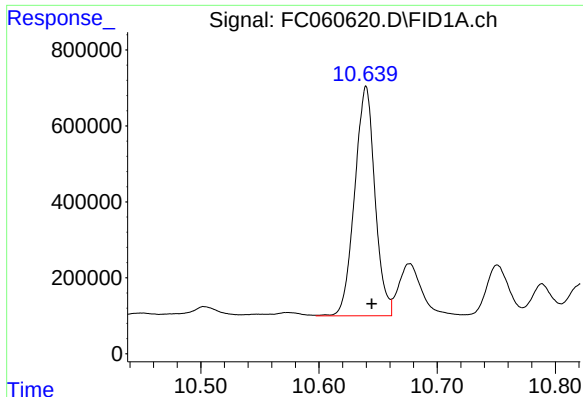
#7 n-Hexadecane (C16)

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 9429086
Conc: 55.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.294 min
Delta R.T.: -0.003 min
Response: 9957430
Conc: 57.88 ug/ml m



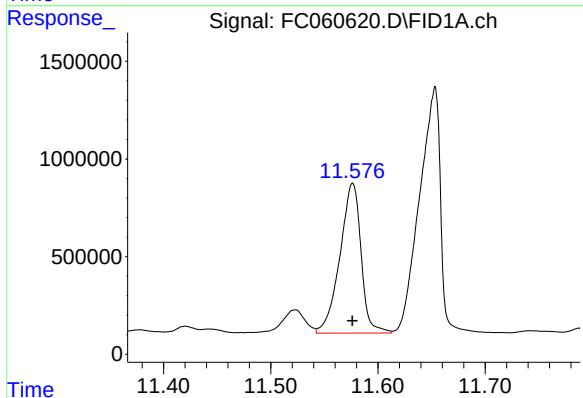
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 7192740
Conc: 39.25 ug/ml

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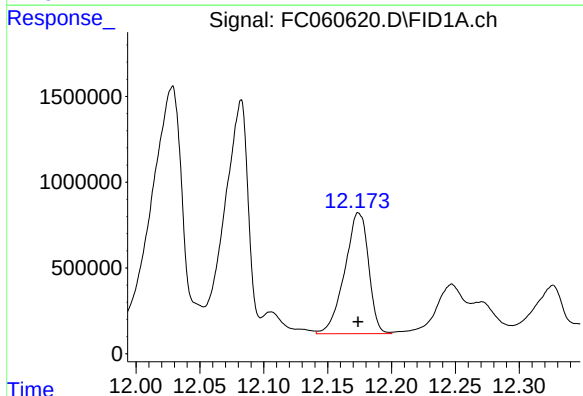
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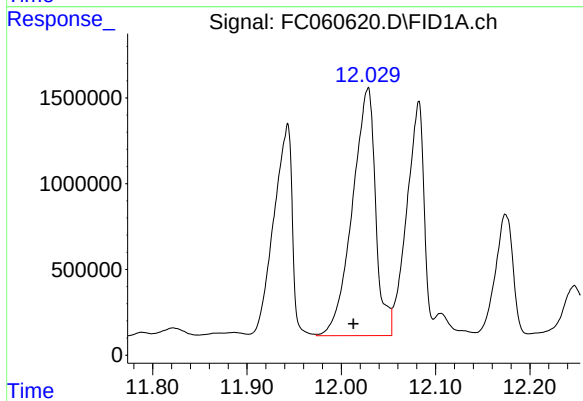
#10 n-Eicosane (C20)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 10540731
Conc: 61.76 ug/ml



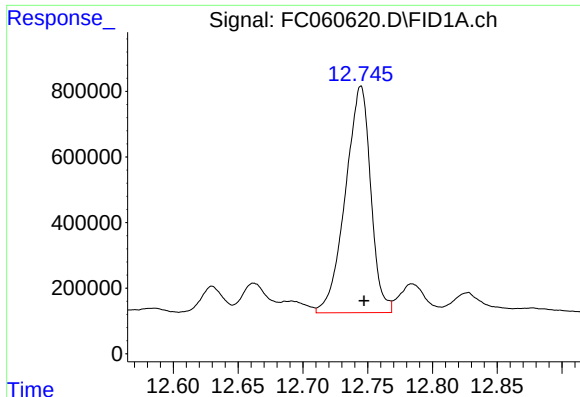
#11 n-Heneicosane (C21)

R.T.: 12.174 min
Delta R.T.: 0.000 min
Response: 9179450
Conc: 53.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.028 min
Delta R.T.: 0.015 min
Response: 24802526
Conc: 168.27 ug/ml



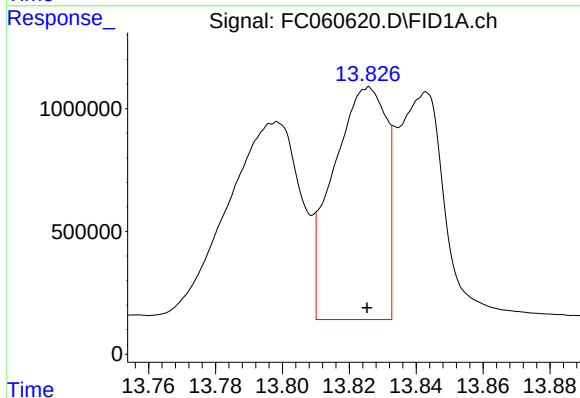
#13 n-Docosane (C22)

R.T.: 12.744 min
Delta R.T.: -0.003 min
Response: 9388368
Conc: 55.08 ug/ml

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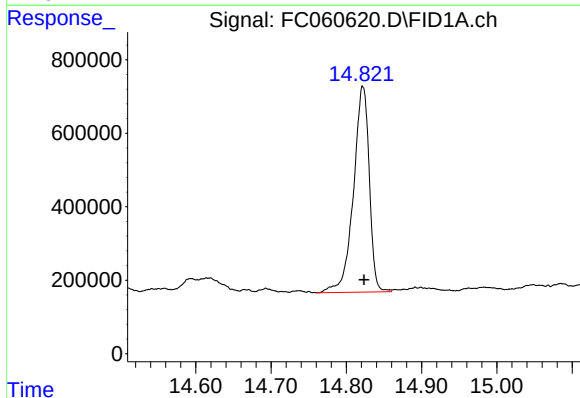
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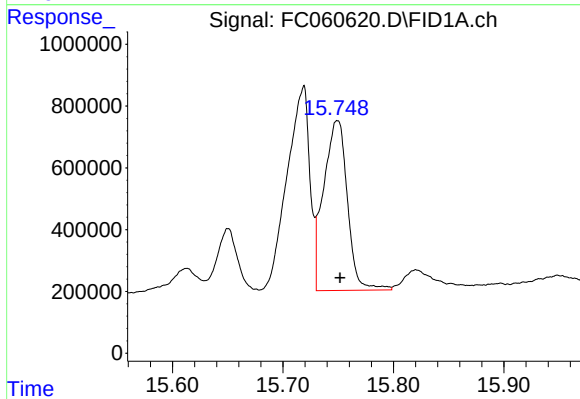
#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: 0.000 min
Response: 10231391
Conc: 60.94 ug/ml m



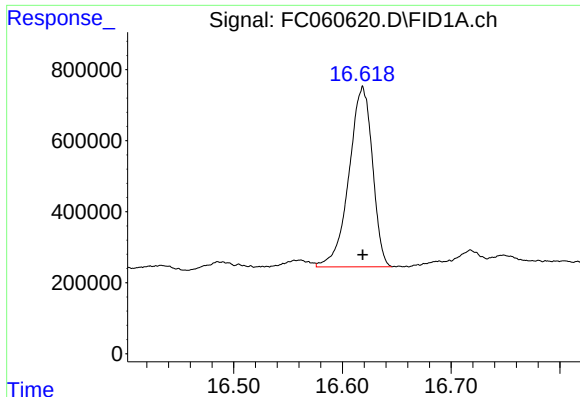
#15 n-Hexacosane (C26)

R.T.: 14.822 min
Delta R.T.: -0.002 min
Response: 8192281
Conc: 49.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.749 min
Delta R.T.: -0.003 min
Response: 8234450
Conc: 51.89 ug/ml



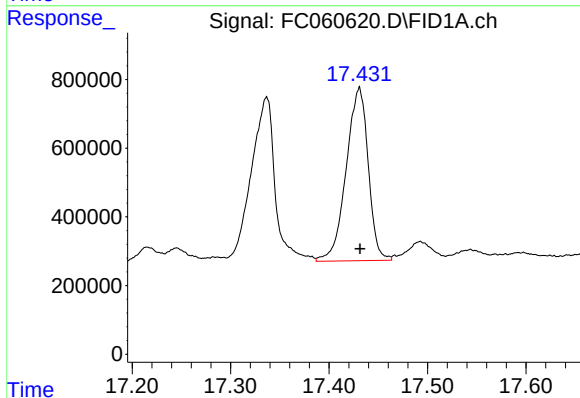
#17 n-Tricontane (C30)

R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 7599511
Conc: 49.92 ug/ml

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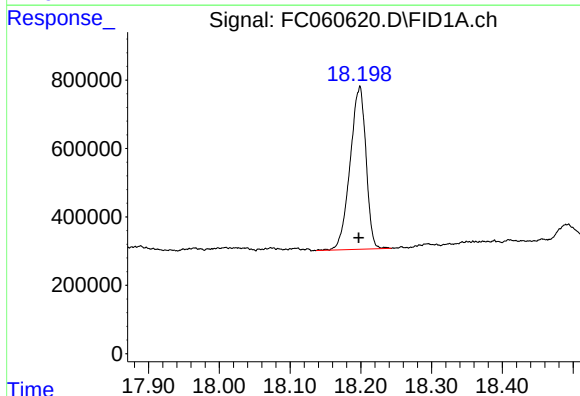
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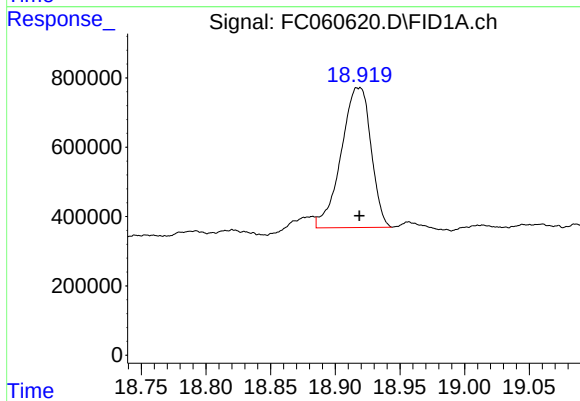
#18 n-Dotriacontane (C32)

R.T.: 17.430 min
Delta R.T.: 0.000 min
Response: 7840885
Conc: 53.94 ug/ml



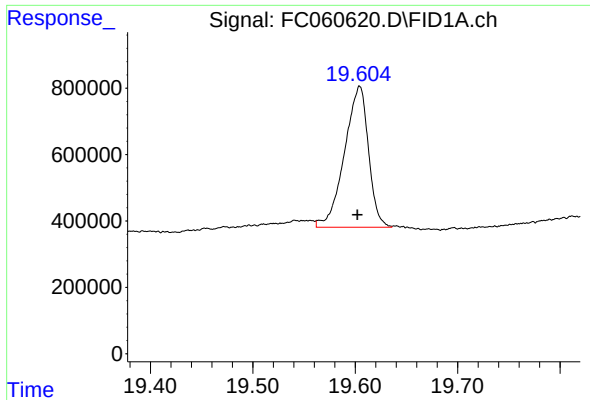
#19 n-Tetratriacontane (C34)

R.T.: 18.198 min
Delta R.T.: 0.000 min
Response: 7417179
Conc: 58.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.919 min
Delta R.T.: 0.000 min
Response: 6462409
Conc: 57.58 ug/ml m



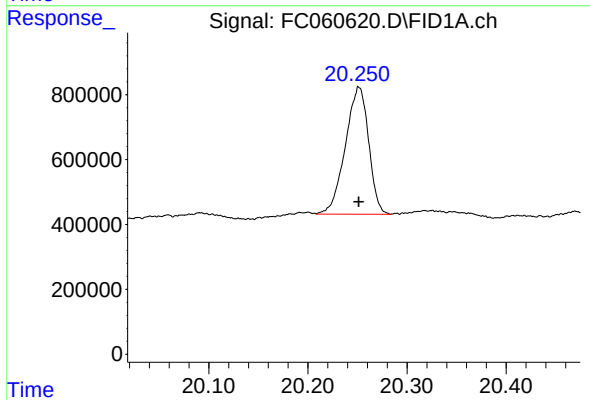
#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: 0.001 min
Response: 6904820
Conc: 63.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.250 min
Delta R.T.: -0.001 min
Response: 6402912
Conc: 56.69 ug/ml m