

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082420AL\
 Data File : FC049174.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2020 20:13
 Operator : DD\AJ
 Sample : L3747-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 340MS

Manual Integrations
 APPROVED

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 8/25/2020 3:21:41 PM

Integration File: autoint1.e
 Quant Time: Aug 25 02:55:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.701	4773886	40.179 ug/mlm
Spiked Amount 50.000		Recovery =	80.36%
12) S 1-chlorooctadecane (S...	13.135	12214422	125.559 ug/mlm
Spiked Amount 50.000		Recovery =	251.12%
Target Compounds			
1) T n-Nonane (C9)	3.403	1695408	16.255 ug/ml
2) T n-Decane (C10)	4.485	2867584	27.340 ug/ml
3) T A~Naphthalene (C11.7)	6.088	139704	1.181 ug/mlm
4) T n-Dodecane (C12)	6.515	4430052	41.767 ug/ml
5) T A~2-methylnaphthalene...	7.175	99407	0.824 ug/mlm
6) T n-Tetradecane (C14)	8.315	4214362	40.020 ug/mlm
7) T n-Hexadecane (C16)	9.946	2949957	28.105 ug/mlm
8) T n-Octadecane (C18)	11.397	3705273	33.727 ug/mlm
10) T n-Eicosane (C20)	12.685	8580705	77.108 ug/mlm
11) T n-Heneicosane (C21)	13.298	6988308	62.559 ug/mlm
13) T n-Docosane (C22)	13.881	9757408	86.809 ug/mlm
14) T n-Tetracosane (C24)	14.951	4164053	36.627 ug/mlm
15) T n-Hexacosane (C26)	15.978	4773242	41.718 ug/mlm
16) T n-Octacosane (C28)	16.936	12854600	110.492 ug/mlm
17) T n-Tricontane (C30)	17.819	12681038	109.699 ug/mlm
18) T n-Dotriacontane (C32)	18.634	6878928	63.620 ug/mlm
19) T n-Tetratriacontane (C34)	19.437	4851751	46.778 ug/mlm
20) T n-Hexatriacontane (C36)	20.145	4703289	47.303 ug/mlm
21) T n-Octatriacontane (C38)	20.876	9382674	99.223 ug/mlm
22) T n-Tetracontane (C40)	21.857	2893397	30.308 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 11 Sample Multiplier: 1

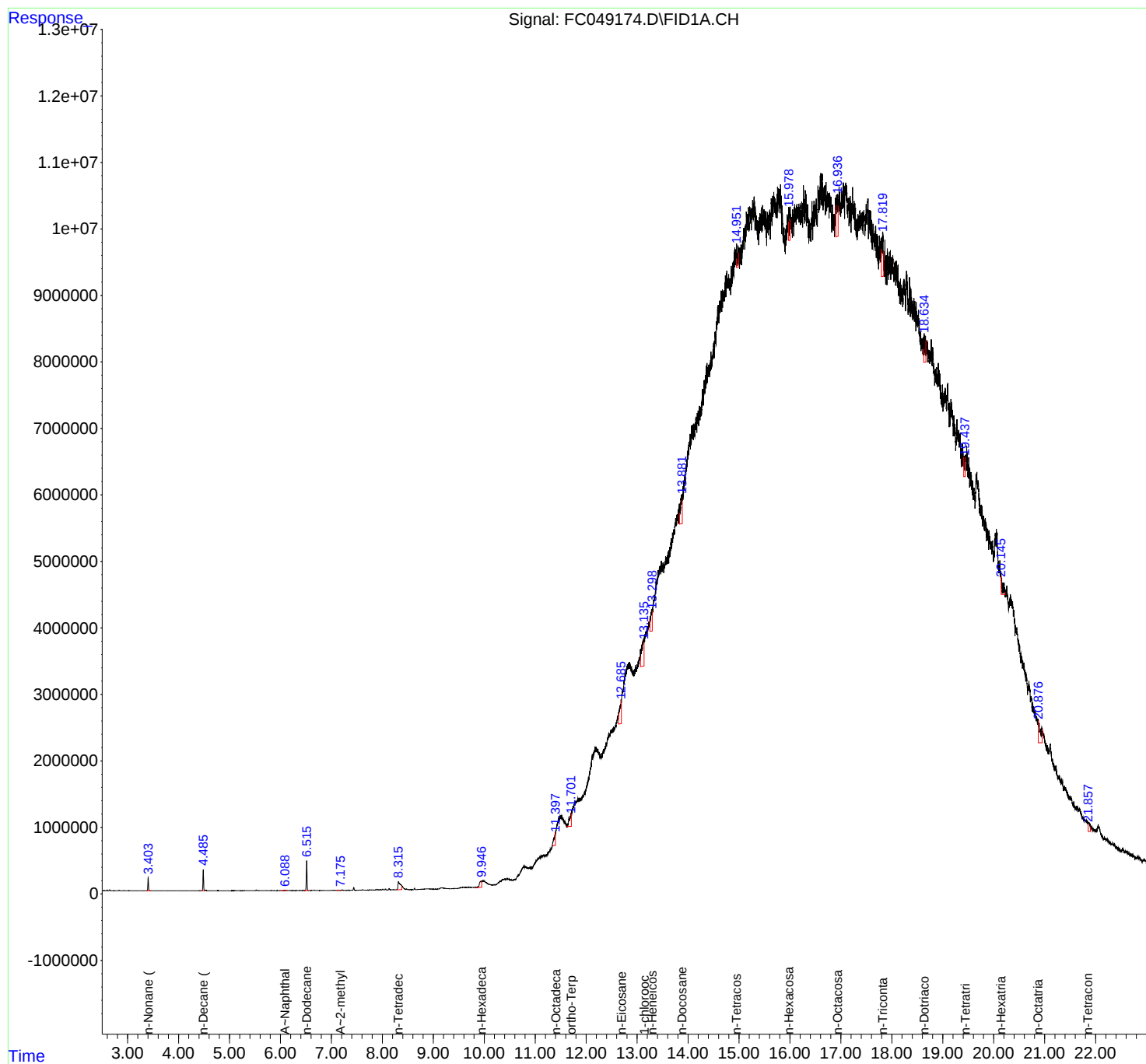
Instrument :
FID_C
ClientSampled :
340MS

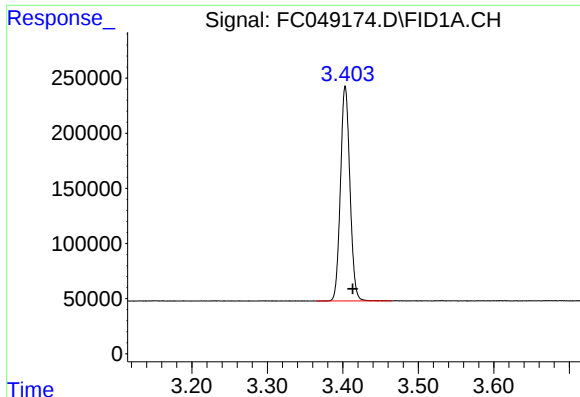
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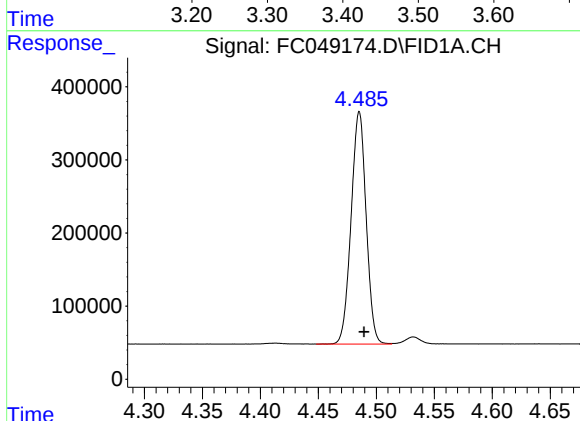
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.010 min
Response: 1695408
Conc: 16.26 ug/ml

Instrument :
FID_C
ClientSampleId :
340MS

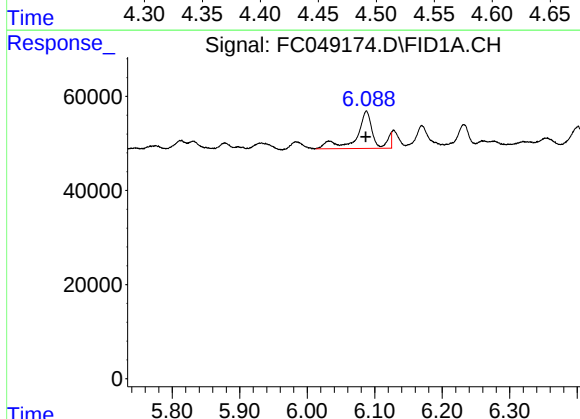
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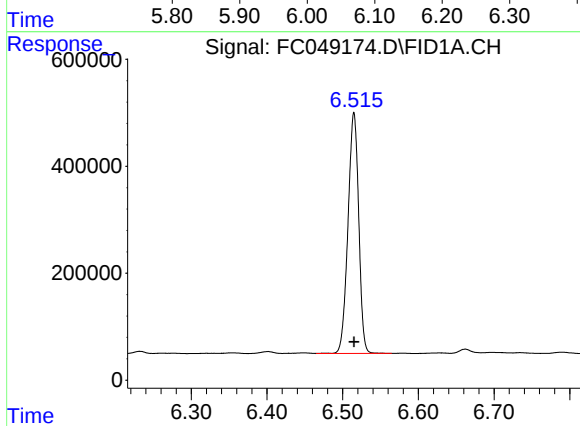
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 2867584
Conc: 27.34 ug/ml



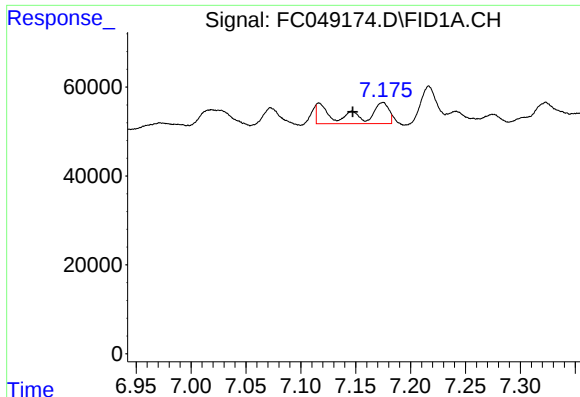
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 139704
Conc: 1.18 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 4430052
Conc: 41.77 ug/ml



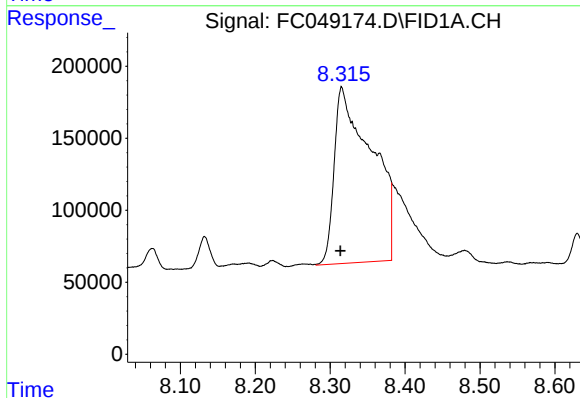
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.175 min
Delta R.T.: 0.028 min
Response: 99407
Conc: 0.82 ug/ml m

Instrument :
FID_C
ClientSampleId :
340MS

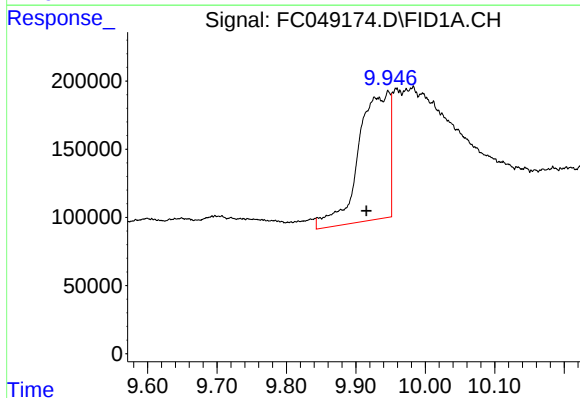
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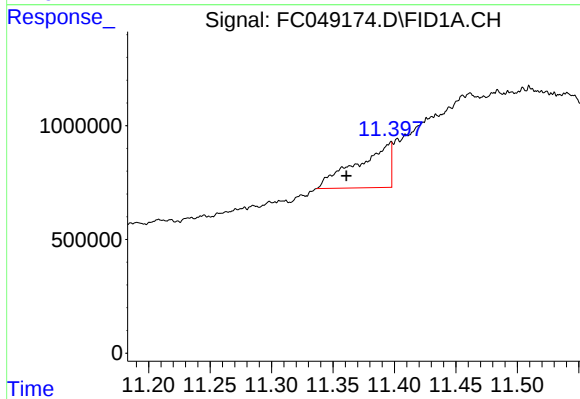
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 4214362
Conc: 40.02 ug/ml m



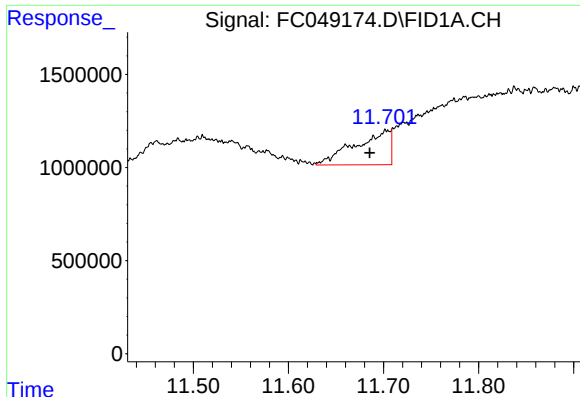
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.030 min
Response: 2949957
Conc: 28.10 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: 0.036 min
Response: 3705273
Conc: 33.73 ug/ml m



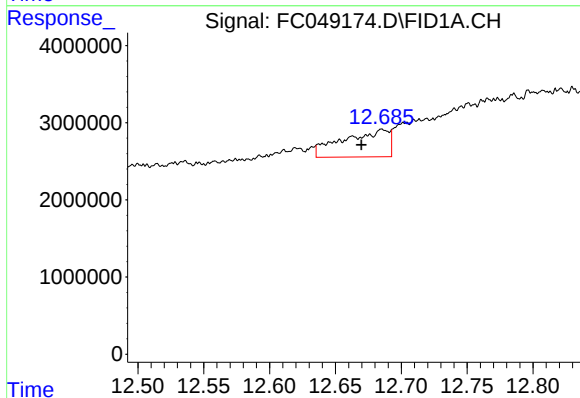
#9 ortho-Terphenyl (SURR)

R.T.: 11.701 min
Delta R.T.: 0.016 min
Response: 4773886
Conc: 40.18 ug/ml m

Instrument :
FID_C
ClientSampleId :
340MS

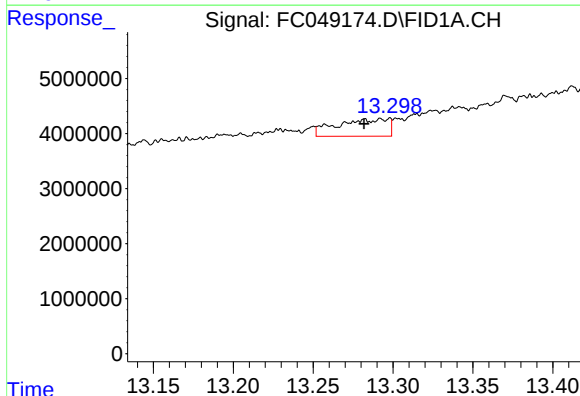
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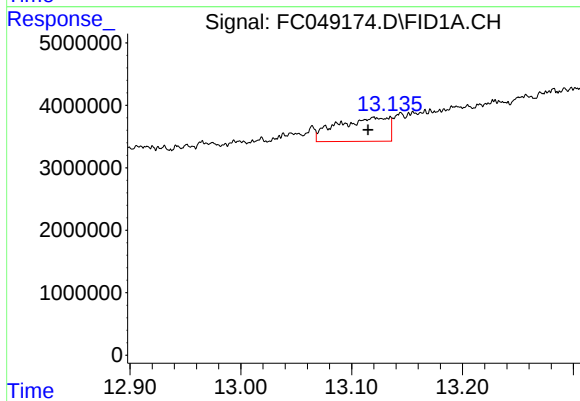
#10 n-Eicosane (C20)

R.T.: 12.685 min
Delta R.T.: 0.015 min
Response: 8580705
Conc: 77.11 ug/ml m



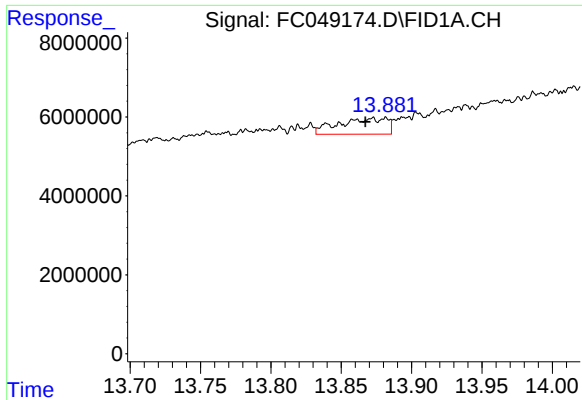
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: 0.016 min
Response: 6988308
Conc: 62.56 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.135 min
Delta R.T.: 0.020 min
Response: 12214422
Conc: 125.56 ug/ml m



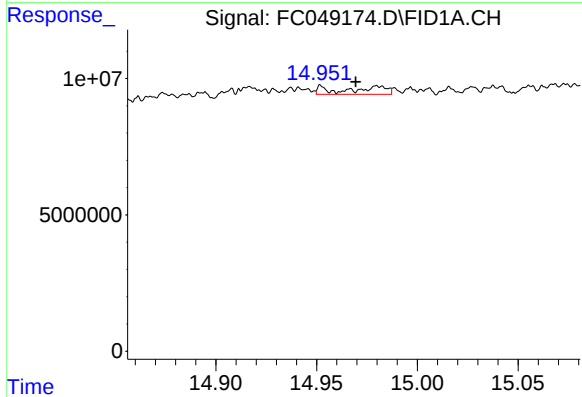
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: 0.014 min
Response: 9757408
Conc: 86.81 ug/ml m

Instrument :
FID_C
ClientSampleId :
340MS

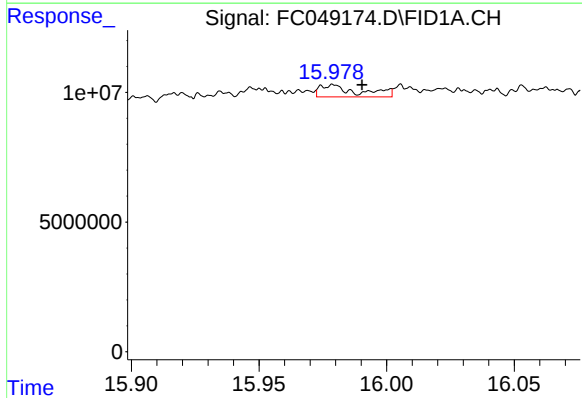
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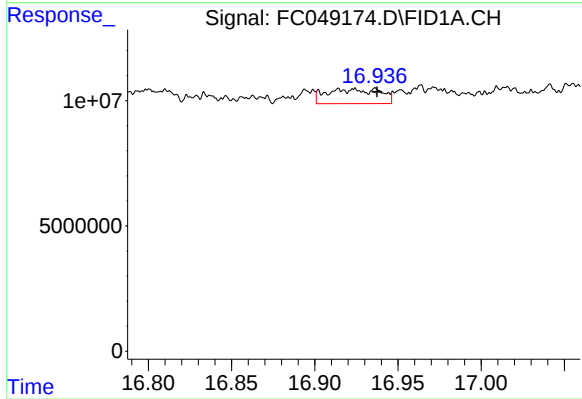
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.018 min
Response: 4164053
Conc: 36.63 ug/ml m



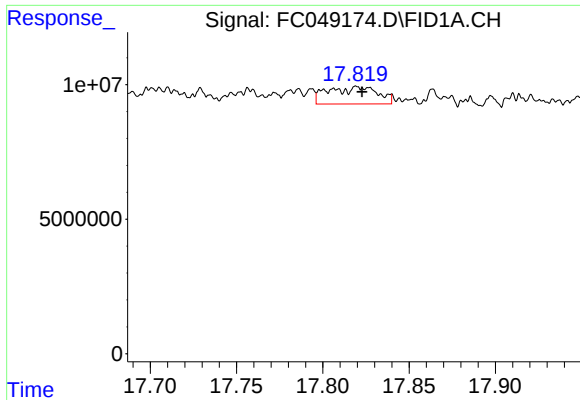
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.012 min
Response: 4773242
Conc: 41.72 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.001 min
Response: 12854600
Conc: 110.49 ug/ml m



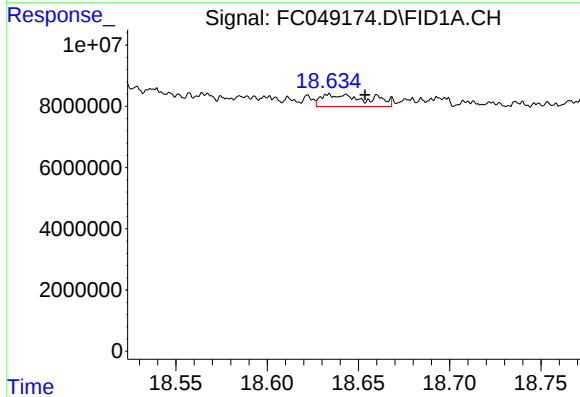
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.004 min
Response: 12681038
Conc: 109.70 ug/ml m

Instrument :
FID_C
ClientSampleId :
340MS

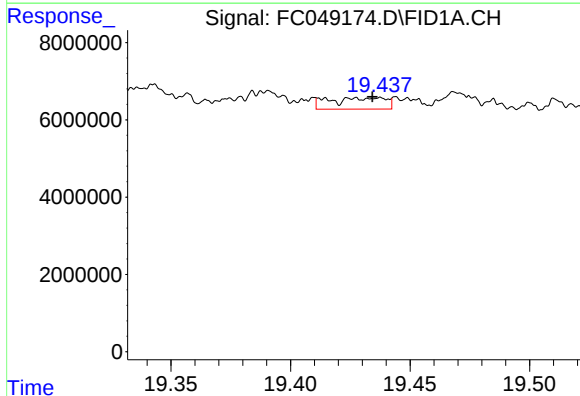
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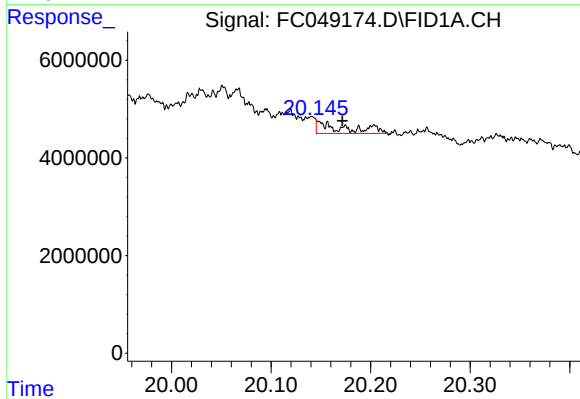
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.020 min
Response: 6878928
Conc: 63.62 ug/ml m



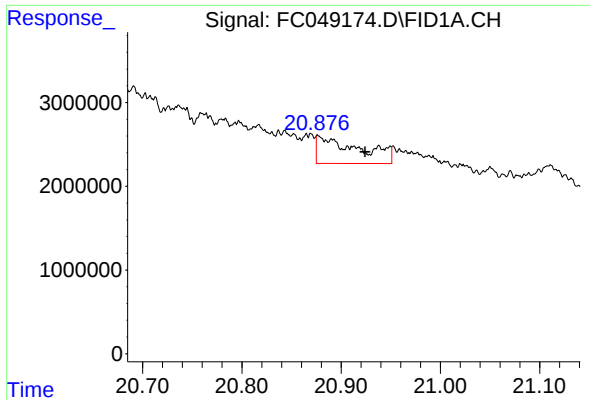
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.003 min
Response: 4851751
Conc: 46.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: -0.027 min
Response: 4703289
Conc: 47.30 ug/ml m



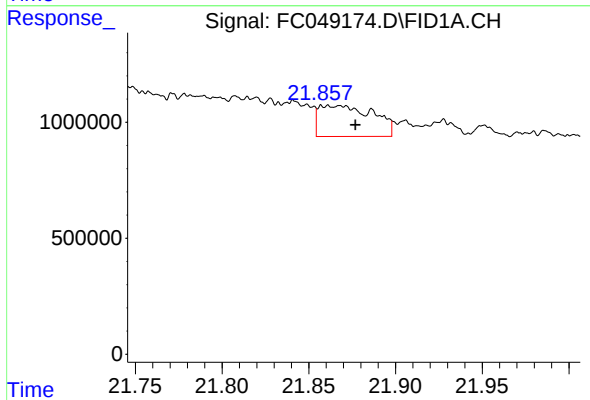
#21 n-Octatriacontane (C38)

R.T.: 20.876 min
Delta R.T.: -0.048 min
Response: 9382674
Conc: 99.22 ug/ml m

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: -0.020 min
Response: 2893397
Conc: 30.31 ug/ml m