

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050497.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2020 11:29
 Operator : DD\AJ
 Sample : L4214-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Manual Integrations
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 11/3/2020 9:18:10 AM

Integration File: sample.E
 Quant Time: Nov 02 11:02:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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			
12) S 1-chlorooctadecane (S...	13.052	2487014	28.710 ug/ml
Spiked Amount 50.000		Recovery =	57.42%
Target Compounds			
1) T n-Nonane (C9)	3.368	137641	1.389 ug/ml
2) T n-Decane (C10)	4.438	168545	1.693 ug/ml
4) T n-Dodecane (C12)	6.458	213336	2.114 ug/ml
6) T n-Tetradecane (C14)	8.254	211421	2.110 ug/ml
7) T n-Hexadecane (C16)	9.855	212415	2.155 ug/ml
8) T n-Octadecane (C18)	11.296	235850	2.284 ug/ml
10) T n-Eicosane (C20)	12.605	241436	2.320 ug/ml
11) T n-Heneicosane (C21)	13.217	226382	2.179 ug/ml
13) T n-Docosane (C22)	13.801	251380	2.422 ug/ml
14) T n-Tetracosane (C24)	14.904	297607	2.865 ug/ml
15) T n-Hexacosane (C26)	15.924	289600	2.810 ug/ml
16) T n-Octacosane (C28)	16.872	318453	3.077 ug/ml
17) T n-Tricontane (C30)	17.757	340489	3.337 ug/ml
18) T n-Dotriacontane (C32)	18.589	320264	3.334 ug/ml
19) T n-Tetratriacontane (C34)	19.370	268253	2.925 ug/mlm
20) T n-Hexatriacontane (C36)	20.107	225004	2.540 ug/mlm
21) T n-Octatriacontane (C38)	20.852	204896	2.485 ug/mlm
22) T n-Tetracontane (C40)	21.777	196489	2.350 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 32 Sample Multiplier: 1

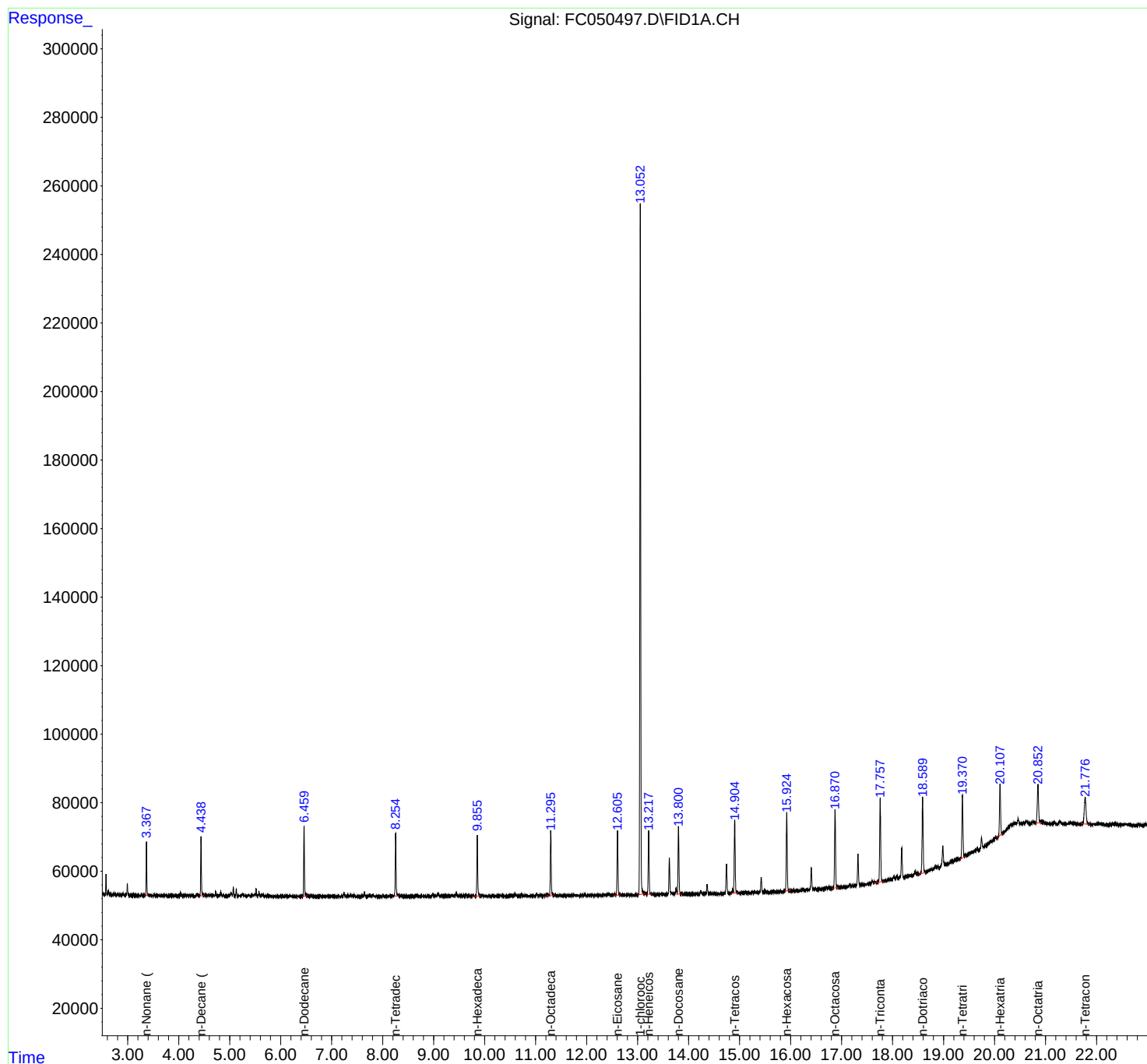
Instrument :
FID_C
ClientSampleId :
MDL-SOIL-03-QT4-2020

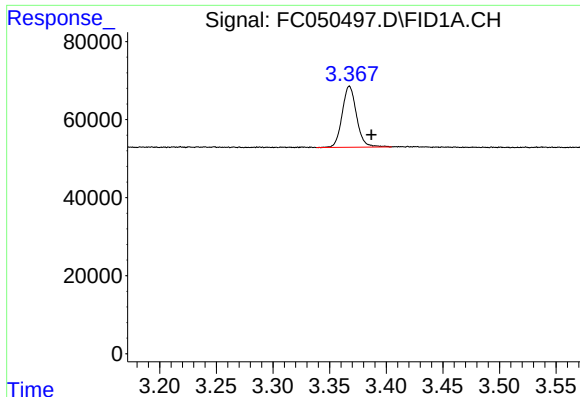
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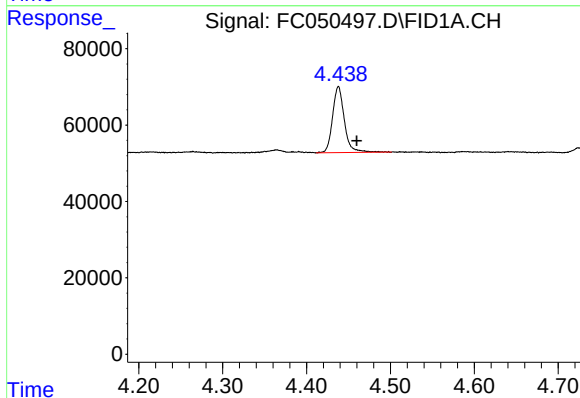
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.019 min
Response: 137641
Conc: 1.39 ug/ml

Instrument :
FID_C
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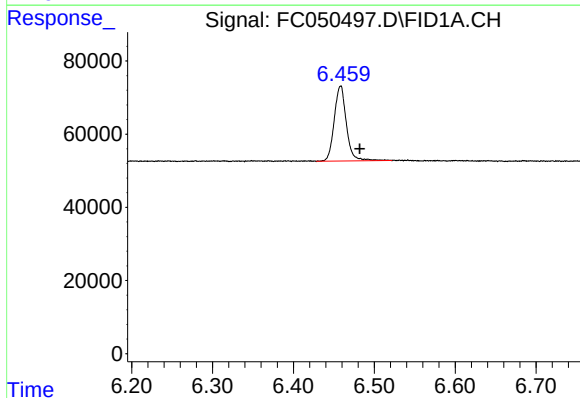
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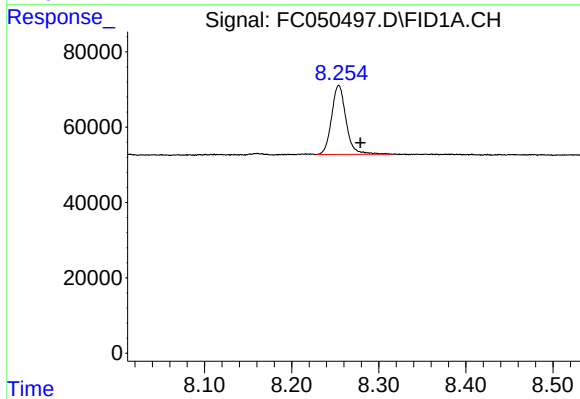
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.022 min
Response: 168545
Conc: 1.69 ug/ml



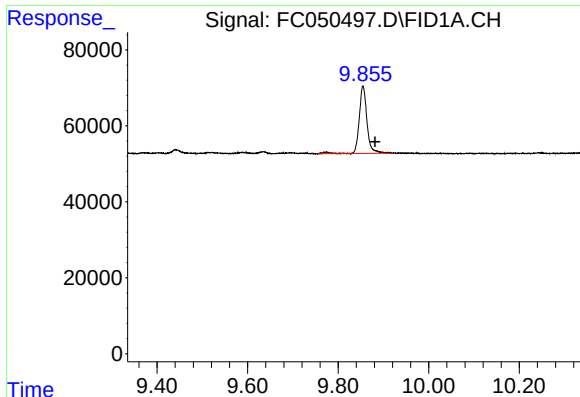
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.024 min
Response: 213336
Conc: 2.11 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.025 min
Response: 211421
Conc: 2.11 ug/ml



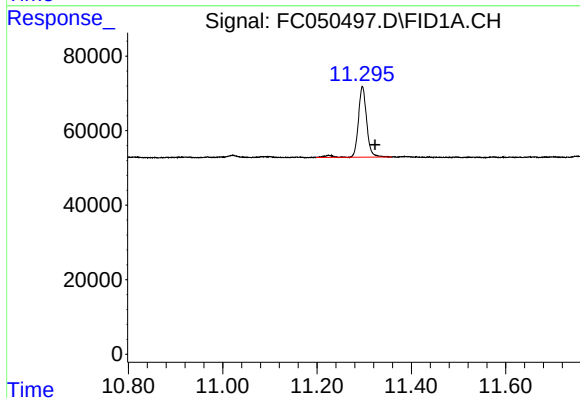
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.026 min
Response: 212415
Conc: 2.16 ug/ml

Instrument :
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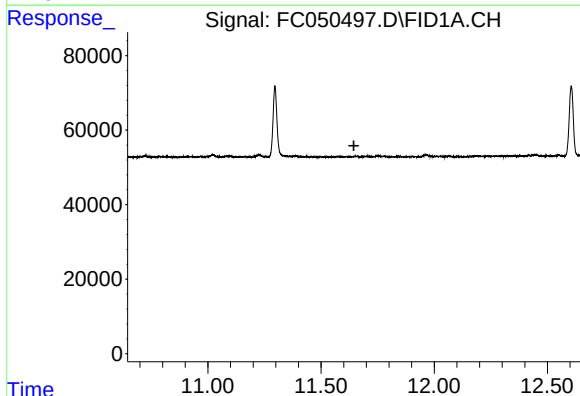
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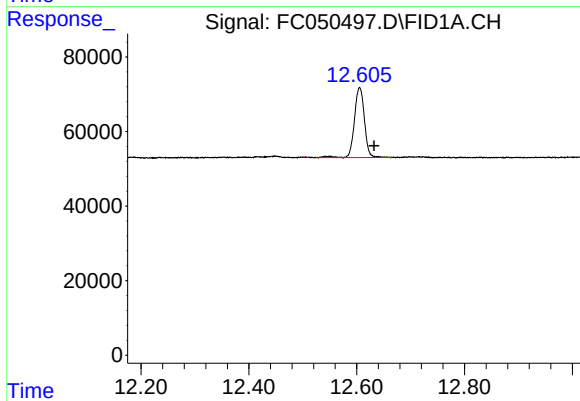
#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.027 min
Response: 235850
Conc: 2.28 ug/ml



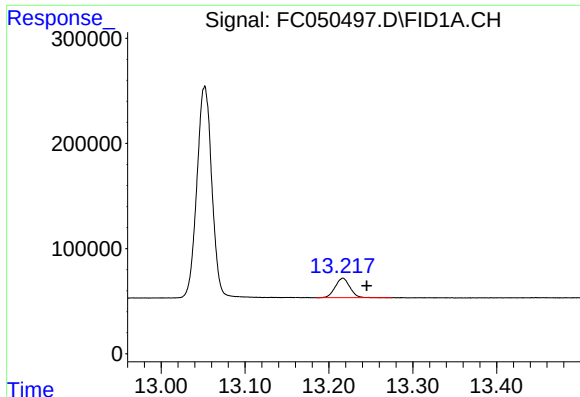
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.027 min
Response: 241436
Conc: 2.32 ug/ml



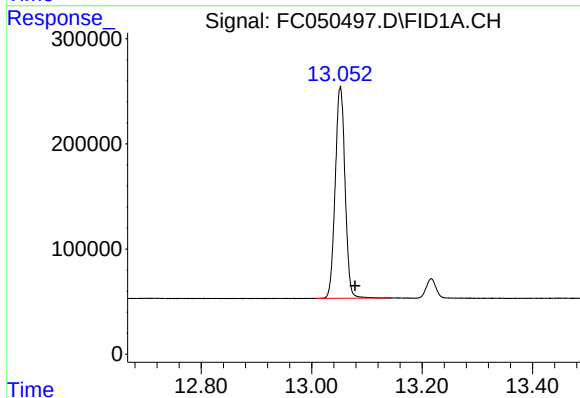
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.029 min
Response: 226382
Conc: 2.18 ug/ml

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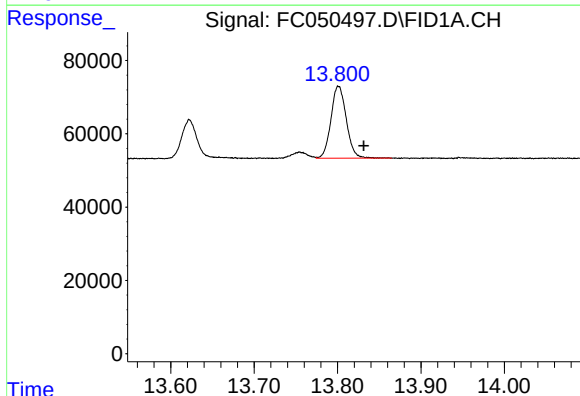
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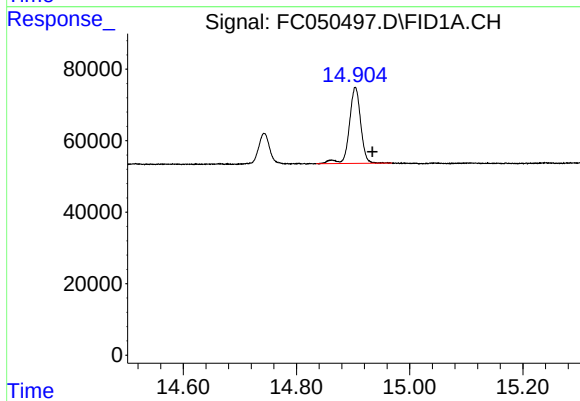
#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.027 min
Response: 2487014
Conc: 28.71 ug/ml



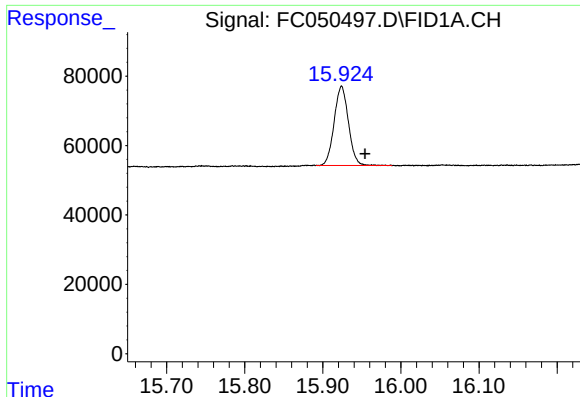
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.030 min
Response: 251380
Conc: 2.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.030 min
Response: 297607
Conc: 2.87 ug/ml



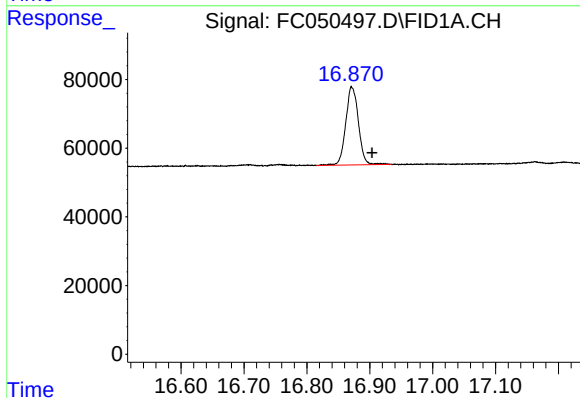
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.030 min
Response: 289600
Conc: 2.81 ug/ml

Instrument :
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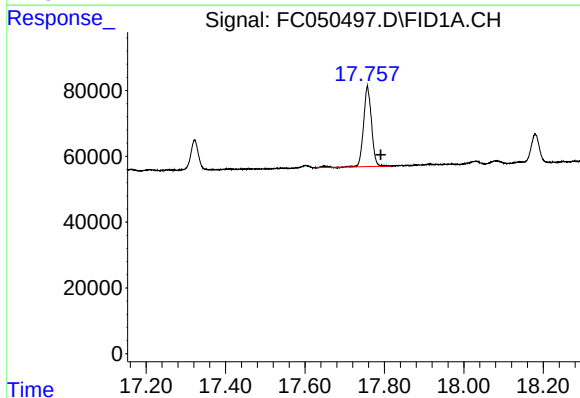
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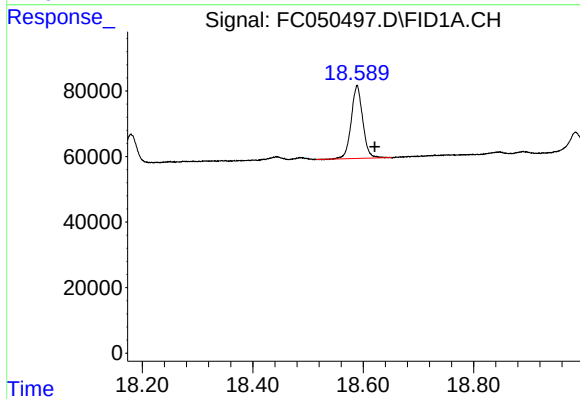
#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.031 min
Response: 318453
Conc: 3.08 ug/ml



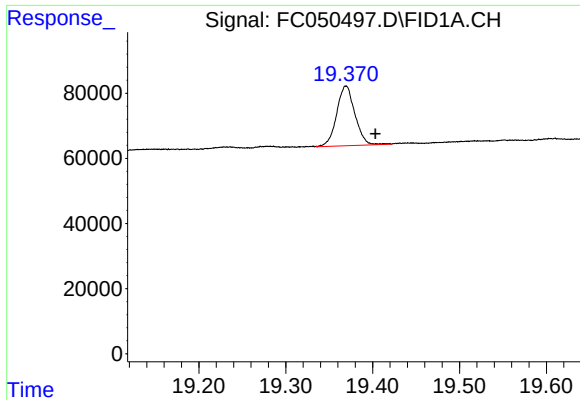
#17 n-Tricontane (C30)

R.T.: 17.757 min
Delta R.T.: -0.033 min
Response: 340489
Conc: 3.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.589 min
Delta R.T.: -0.032 min
Response: 320264
Conc: 3.33 ug/ml



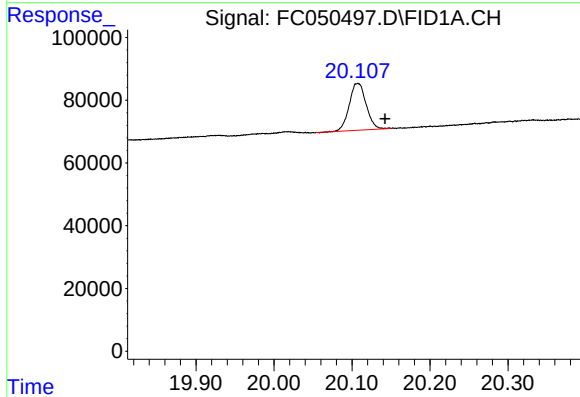
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: -0.034 min
Response: 268253
Conc: 2.92 ug/ml m

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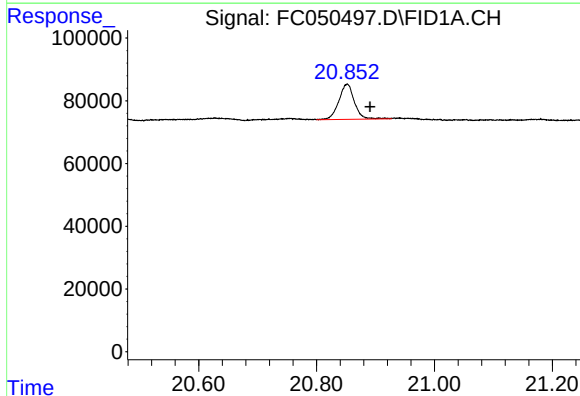
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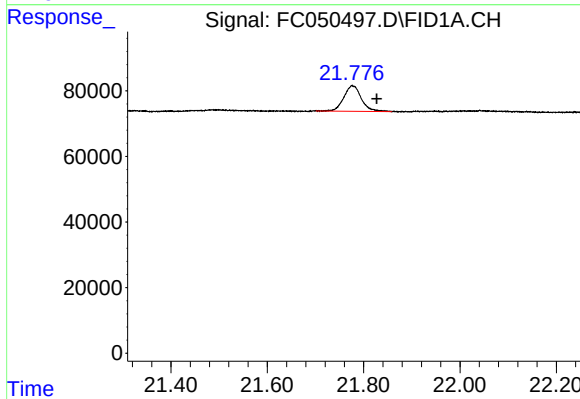
#20 n-Hexatriacontane (C36)

R.T.: 20.107 min
Delta R.T.: -0.035 min
Response: 225004
Conc: 2.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.852 min
Delta R.T.: -0.039 min
Response: 204896
Conc: 2.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.777 min
Delta R.T.: -0.050 min
Response: 196489
Conc: 2.35 ug/ml