

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053435.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2021 16:55
 Operator : DD\AJ
 Sample : M2160-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-03-042321-EPH-2

Integration File: sample.E
 Quant Time: Apr 28 06:57:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.551	3563071	25.746 ug/ml
Spiked Amount 50.000		Recovery =	51.49%
12) S 1-chlorooctadecane (S...	12.992	2840019	26.240 ug/ml
Spiked Amount 50.000		Recovery =	52.48%
Target Compounds			
1) T n-Nonane (C9)	3.316	9828	0.085 ug/ml
2) T n-Decane (C10)	4.366	15500	0.132 ug/ml
3) T A~Naphthalene (C11.7)	5.957	34594	0.266 ug/ml
4) T n-Dodecane (C12)	6.388	41720	0.350 ug/ml
5) T A~2-methylnaphthalene...	7.018	62003	0.469 ug/ml
6) T n-Tetradecane (C14)	8.186	111794	0.919 ug/ml
7) T n-Hexadecane (C16)	9.789	121636	1.011 ug/ml
8) T n-Octadecane (C18)	11.233	111740	0.882 ug/ml
10) T n-Eicosane (C20)	12.546	221357	1.726 ug/ml
11) T n-Heneicosane (C21)	13.159	200731	1.563 ug/ml
13) T n-Docosane (C22)	13.746	186692	1.449 ug/ml
14) T n-Tetracosane (C24)	14.849	230105	1.782 ug/ml
15) T n-Hexacosane (C26)	15.875	1047519	8.151 ug/ml
16) T n-Octacosane (C28)	16.828	2542460	19.632 ug/ml
17) T n-Tricontane (C30)	17.718	3338579	24.793 ug/ml
18) T n-Dotriacontane (C32)	18.552	3692415	26.924 ug/ml
19) T n-Tetratriacontane (C34)	19.338	10238784	78.460 ug/ml
20) T n-Hexatriacontane (C36)	20.081	10622005	87.730 ug/ml
21) T n-Octatriacontane (C38)	20.819	10500803	99.656 ug/ml
22) T n-Tetracontane (C40)	21.727	9007655	86.030 ug/ml

(f)=RT Delta > 1/2 Window

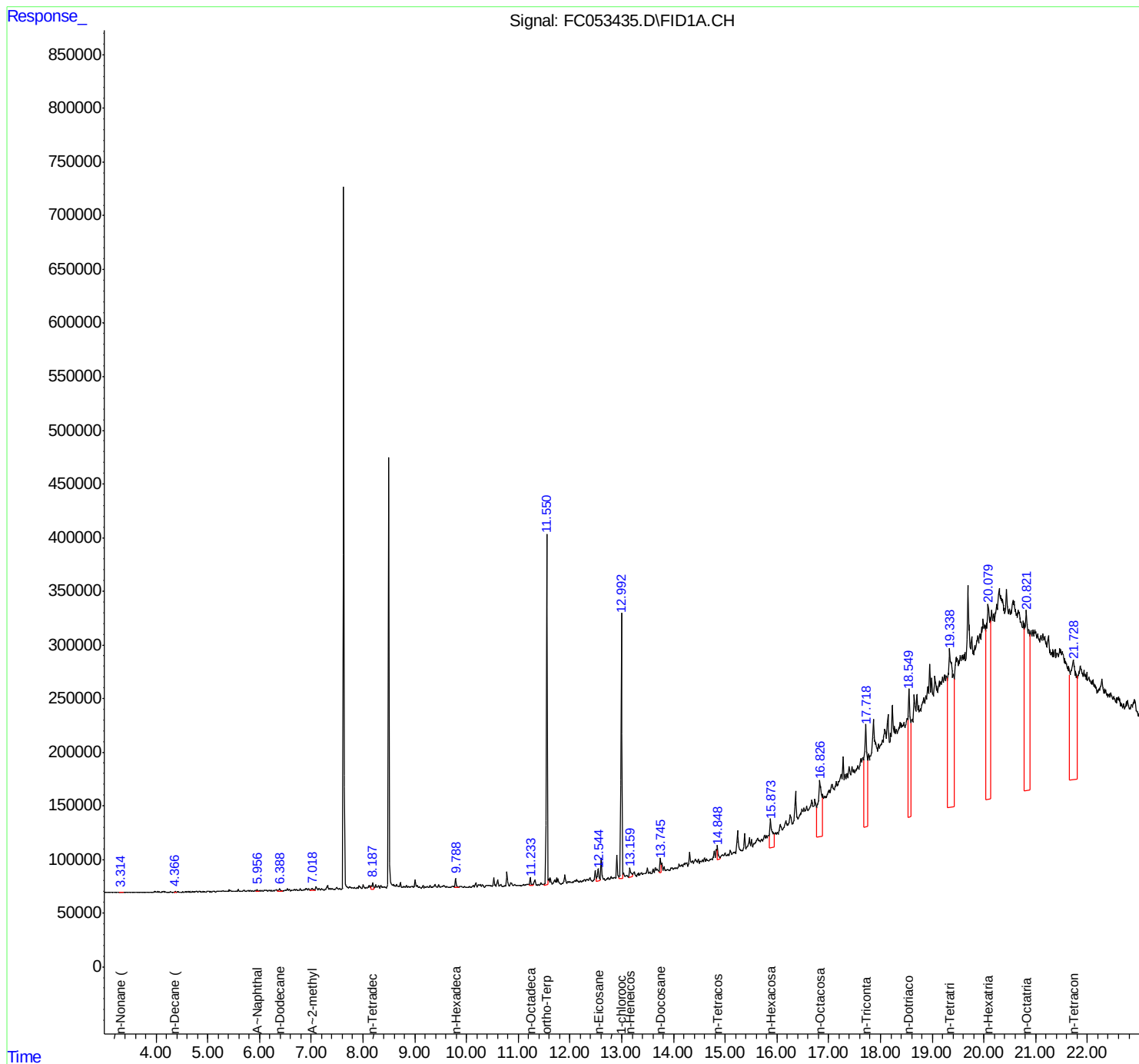
(m)=manual int.

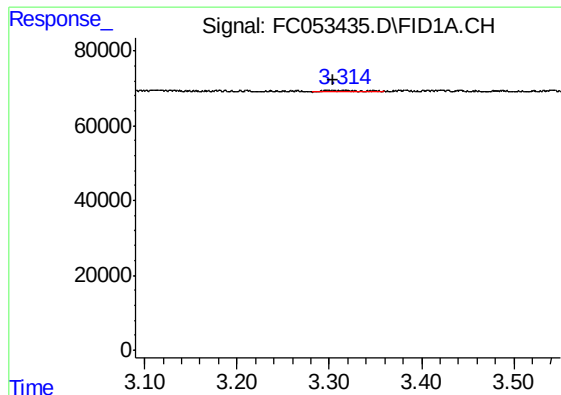
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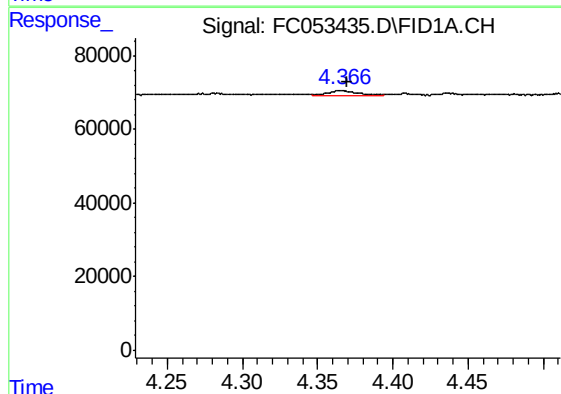




#1 n-Nonane (C9)

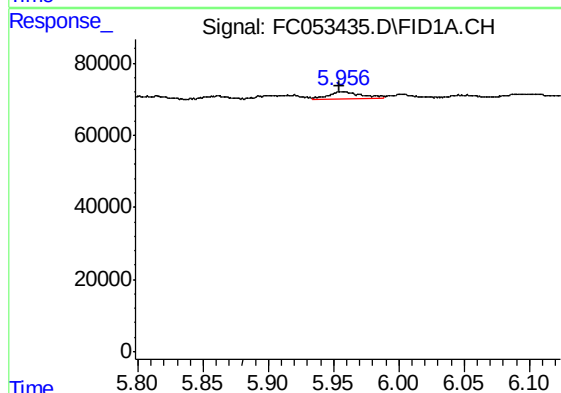
R.T.: 3.316 min
Delta R.T.: 0.012 min
Response: 9828
Conc: 0.08 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-03-042321-EPH-2



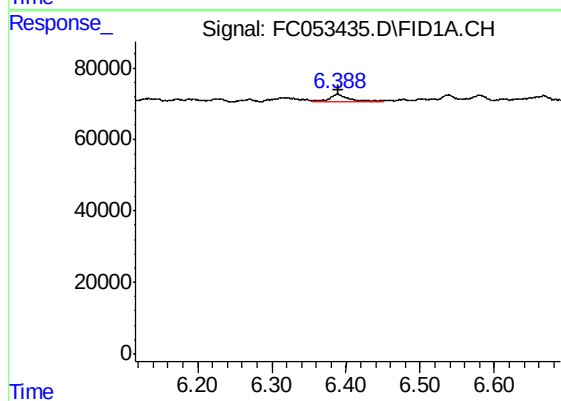
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.004 min
Response: 15500
Conc: 0.13 ug/ml



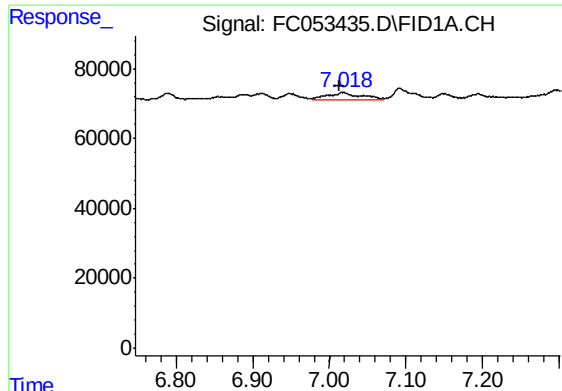
#3 A-Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 34594
Conc: 0.27 ug/ml



#4 n-Dodecane (C12)

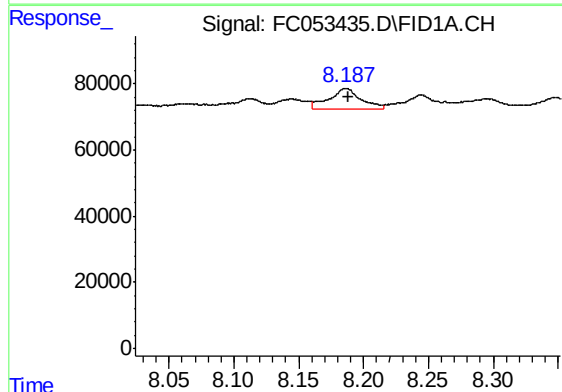
R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 41720
Conc: 0.35 ug/ml



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

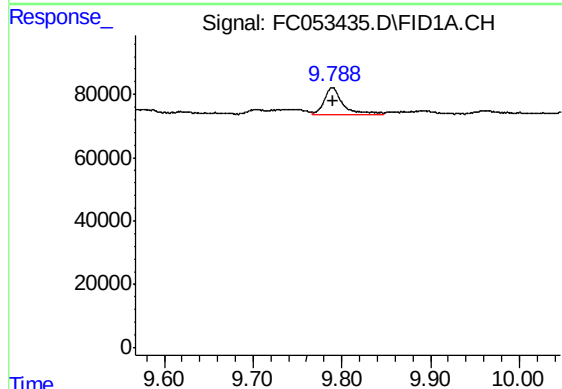
R.T.: 7.018 min
Delta R.T.: 0.005 min
Response: 62003
Conc: 0.47 ug/ml

Instrument :
FID_C
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OK-03-042321-EPH-2



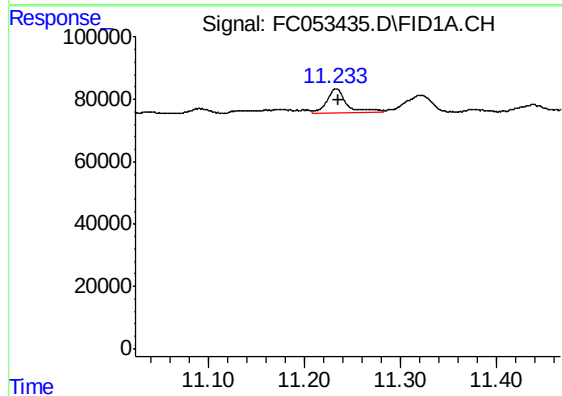
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 111794
Conc: 0.92 ug/ml



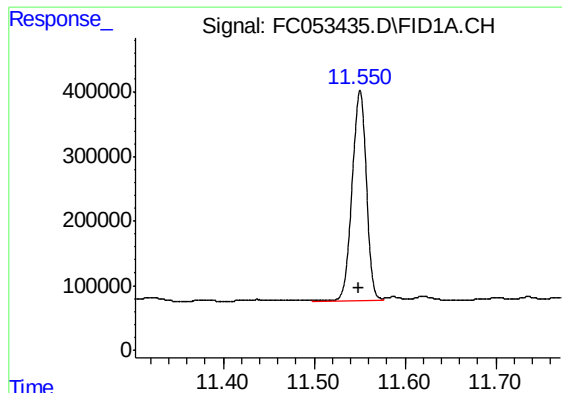
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.002 min
Response: 121636
Conc: 1.01 ug/ml



#8 n-Octadecane (C18)

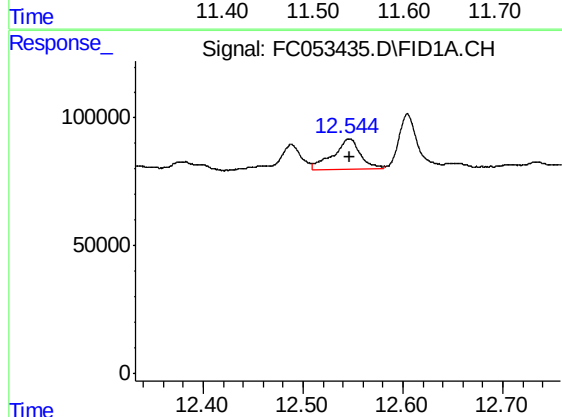
R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 111740
Conc: 0.88 ug/ml



#9 ortho-Terphenyl (SURR)

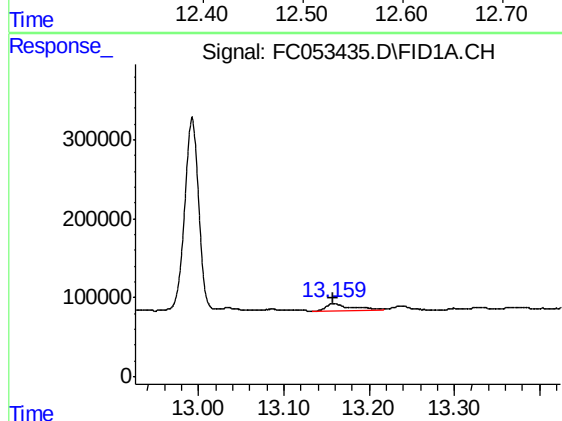
R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 3563071
Conc: 25.75 ug/ml

Instrument :
FID_C
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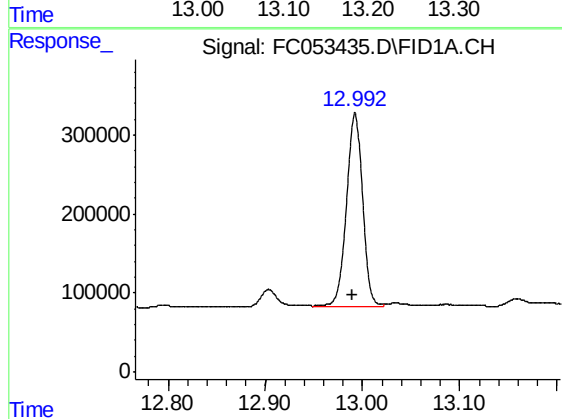
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 221357
Conc: 1.73 ug/ml



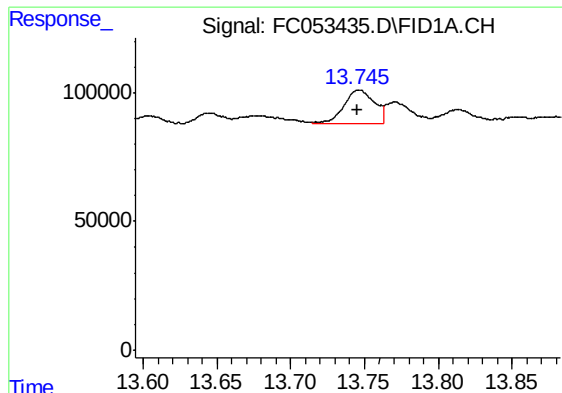
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 200731
Conc: 1.56 ug/ml



#12 1-chlorooctadecane (SURR)

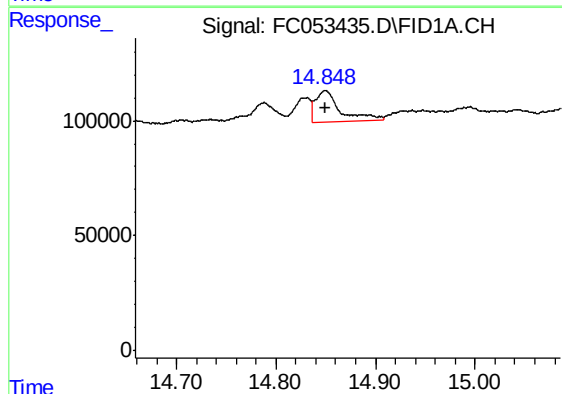
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2840019
Conc: 26.24 ug/ml



#13 n-Docosane (C22)

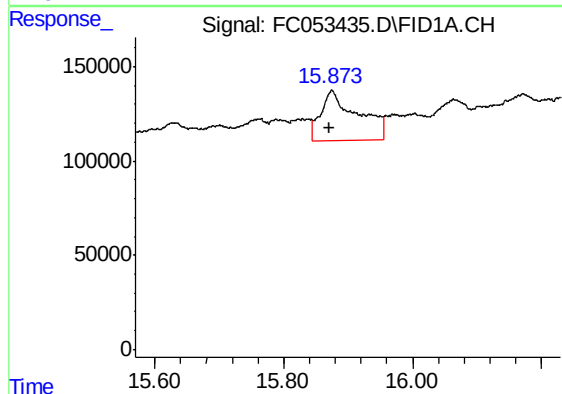
R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 186692
Conc: 1.45 ug/ml

Instrument :
FID_C
ClientSampleId :
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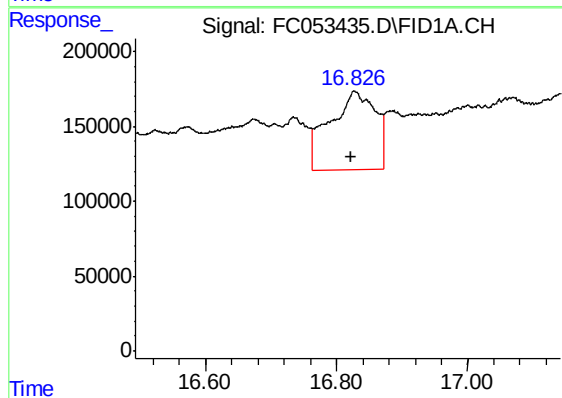
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.000 min
Response: 230105
Conc: 1.78 ug/ml



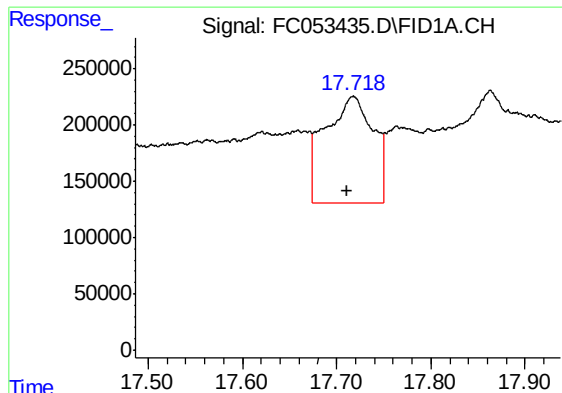
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: 0.003 min
Response: 1047519
Conc: 8.15 ug/ml



#16 n-Octacosane (C28)

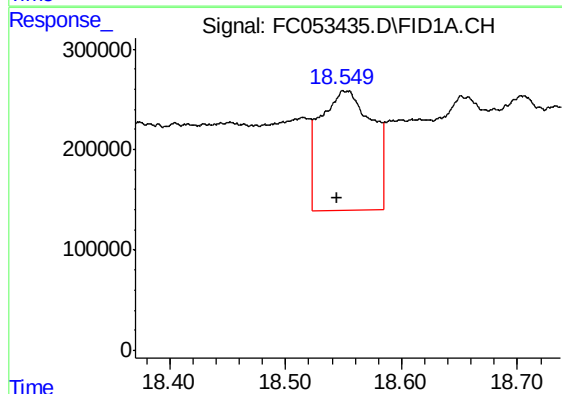
R.T.: 16.828 min
Delta R.T.: 0.006 min
Response: 2542460
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

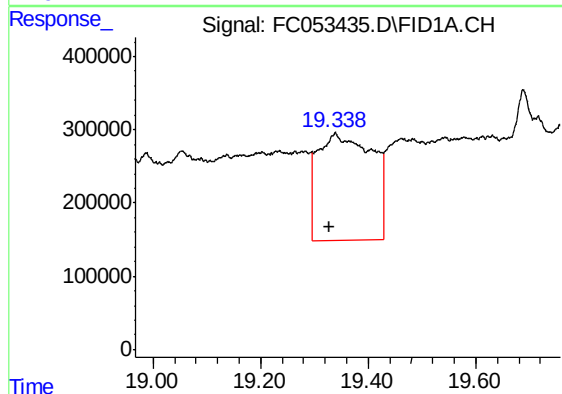
R.T.: 17.718 min
Delta R.T.: 0.007 min
Response: 3338579
Conc: 24.79 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-03-042321-EPH-2



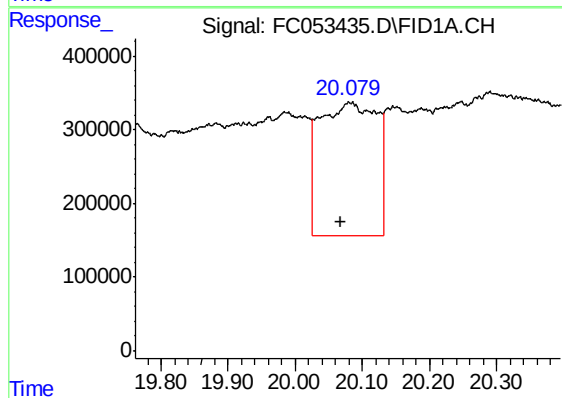
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.008 min
Response: 3692415
Conc: 26.92 ug/ml



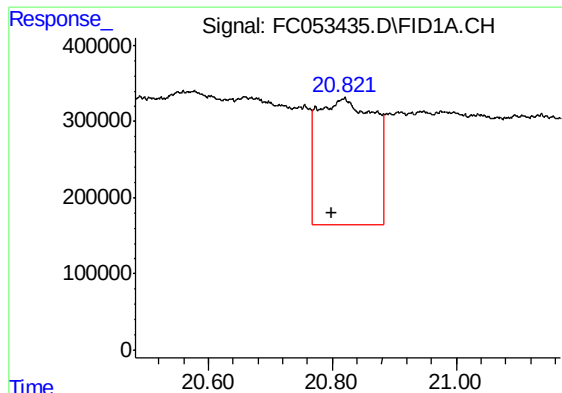
#19 n-Tetatriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.011 min
Response: 10238784
Conc: 78.46 ug/ml



#20 n-Hexatriacontane (C36)

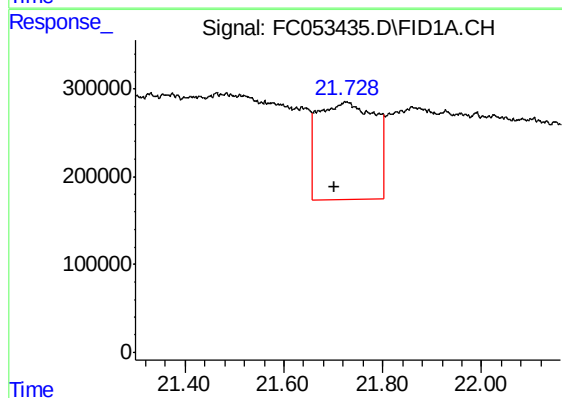
R.T.: 20.081 min
Delta R.T.: 0.013 min
Response: 10622005
Conc: 87.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.019 min
Response: 10500803
Conc: 99.66 ug/ml

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FID_C
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OK-03-042321-EPH-2



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.026 min
Response: 9007655
Conc: 86.03 ug/ml