

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091718AL\
 Data File : FD025586.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2018 18:25
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 18 07:16:43 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 18 07:14:31 2018
 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)	11.338	8373981	101.631 ug/ml
Spiked Amount 50.000		Recovery =	203.26%
12) S 1-chlorooctadecane (S...	12.777	6042149	90.619 ug/ml
Spiked Amount 50.000		Recovery =	181.24%
Target Compounds			
1) T n-Nonane (C9)	3.141	6780024	101.482 ug/ml
2) T n-Decane (C10)	4.205	6818615	101.506 ug/ml
3) T A-Naphthalene (C11.7)	5.771	7962539	103.014 ug/ml
4) T n-Dodecane (C12)	6.219	6792772	101.535 ug/ml
5) T A-2-methylnaphthalene...	6.824	8016022	103.770 ug/ml
6) T n-Tetradecane (C14)	8.005	6941690	102.060 ug/ml
7) T n-Hexadecane (C16)	9.599	7049867	100.602 ug/ml
8) T n-Octadecane (C18)	11.035	7097788	96.983 ug/ml
10) T n-Eicosane (C20)	12.338	6962537	92.157 ug/ml
11) T n-Heneicosane (C21)	12.948	6767453	89.301 ug/ml
13) T n-Docosane (C22)	13.531	6605830	86.648 ug/ml
14) T n-Tetracosane (C24)	14.628	6254850	80.942 ug/ml
15) T n-Hexacosane (C26)	15.644	5931266	76.033 ug/ml
16) T n-Octacosane (C28)	16.589	5873296	69.328 ug/ml
17) T n-Tricontane (C30)	17.472	5885645	59.928 ug/ml
18) T n-Dotriacontane (C32)	18.300	5799547	63.157 ug/ml
19) T n-Tetratriacontane (C34)	19.079	5715372	69.369 ug/ml
20) T n-Hexatriacontane (C36)	19.814	5522083	70.234 ug/ml
21) T n-Octatriacontane (C38)	20.514	5385415	69.125 ug/ml
22) T n-Tetracontane (C40)	21.326	5361699	68.370 ug/ml

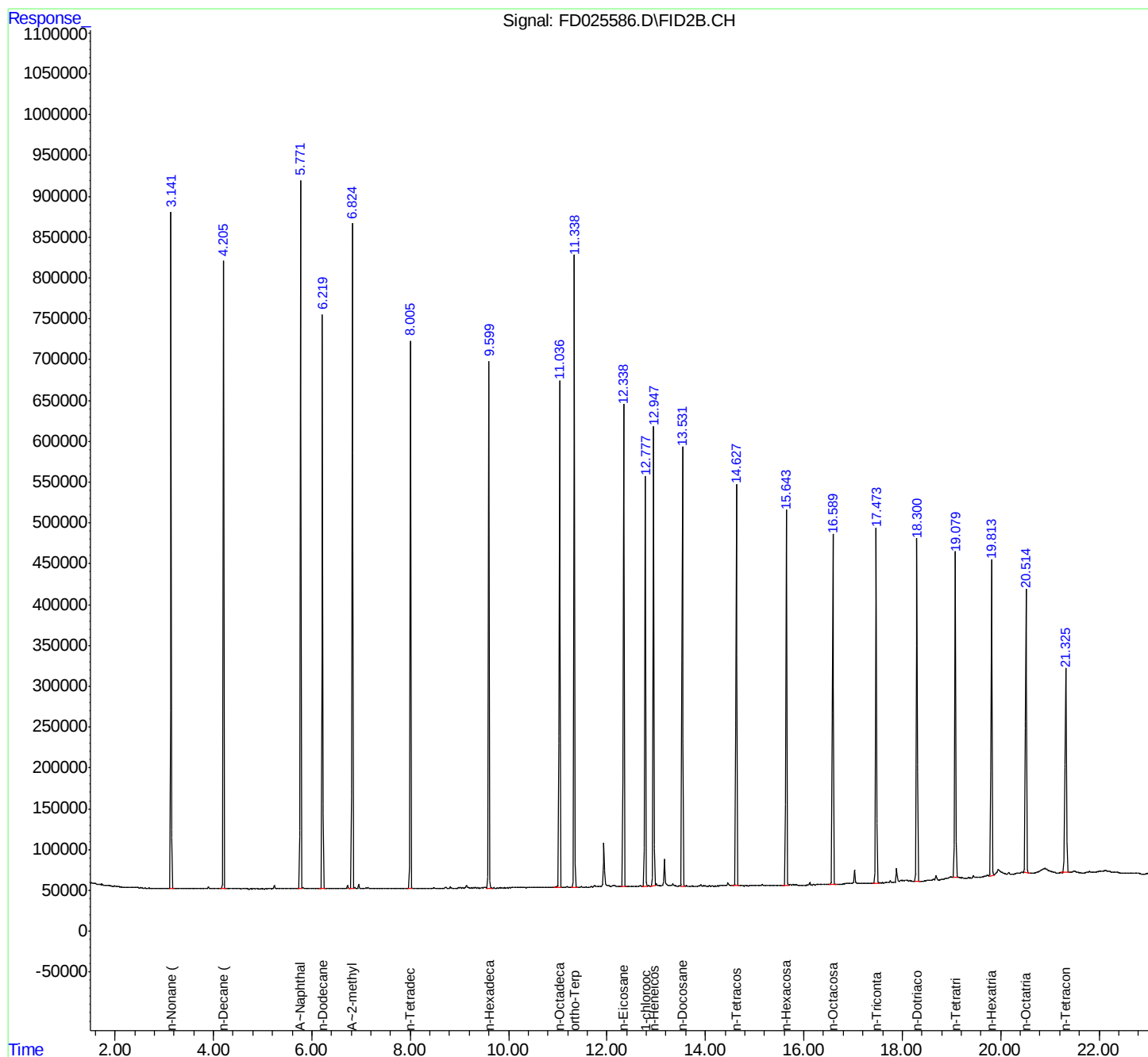
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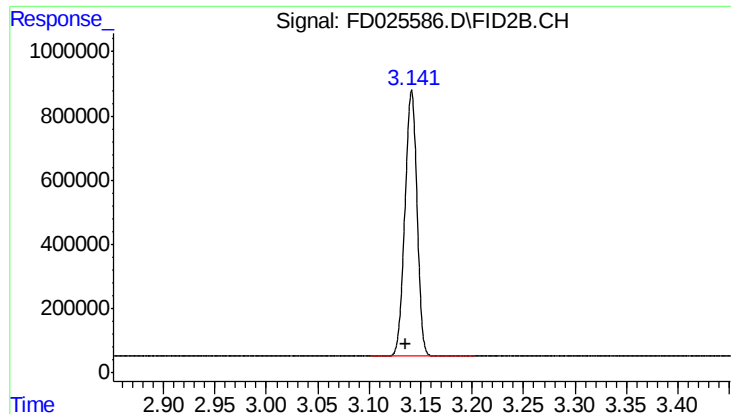
(m)=manual int.

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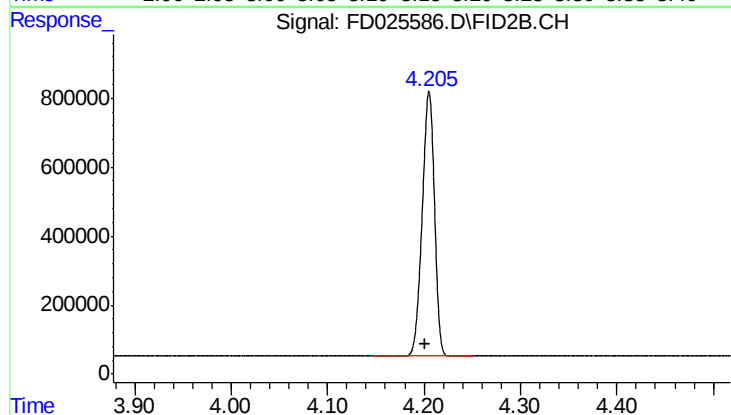
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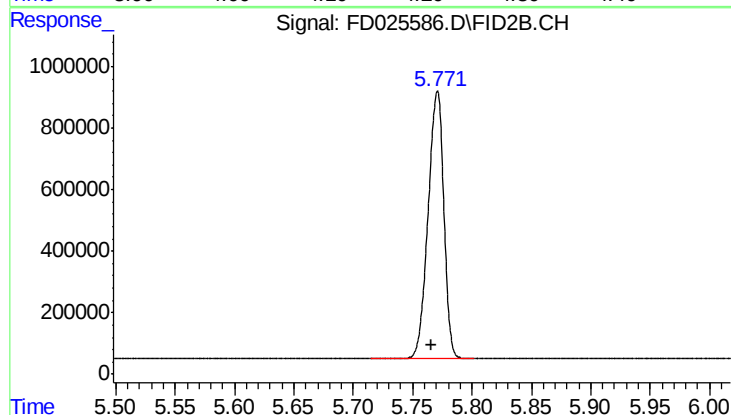
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.005 min
Response: 6780024
Conc: 101.48 ug/ml



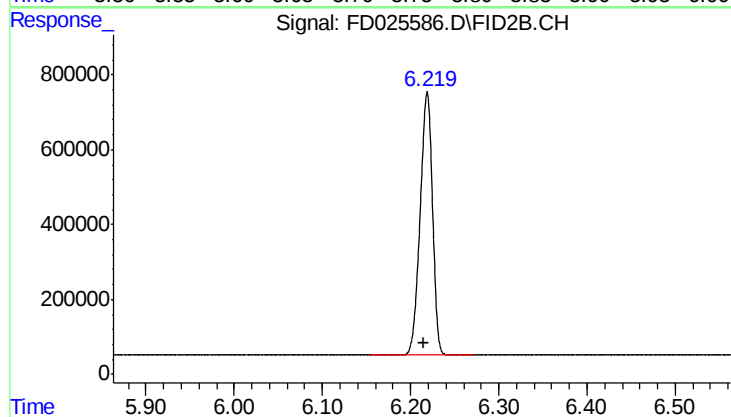
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.004 min
Response: 6818615
Conc: 101.51 ug/ml



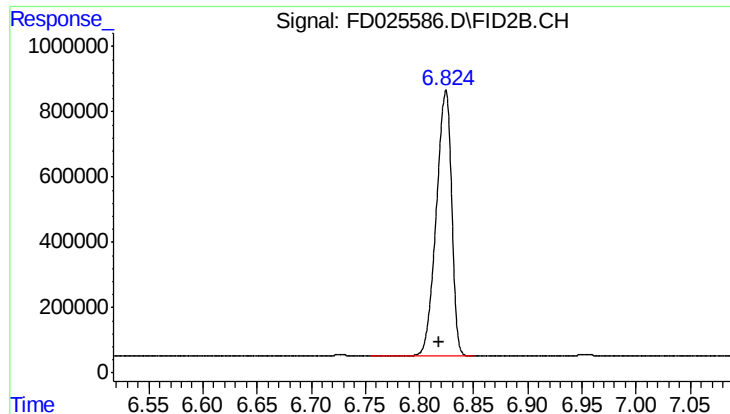
#3 A-Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: 0.004 min
Response: 7962539
Conc: 103.01 ug/ml



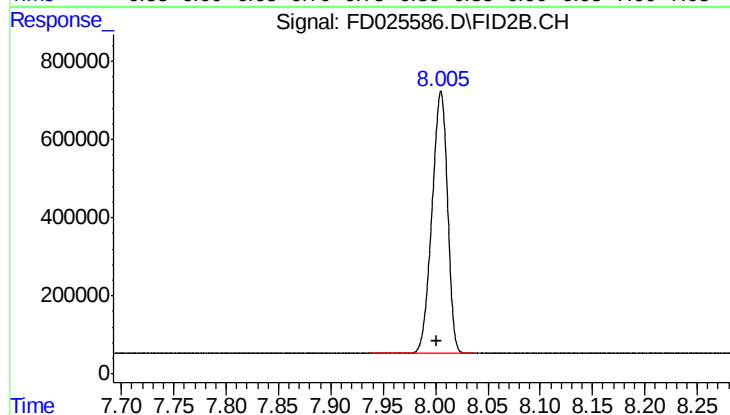
#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: 0.004 min
Response: 6792772
Conc: 101.53 ug/ml



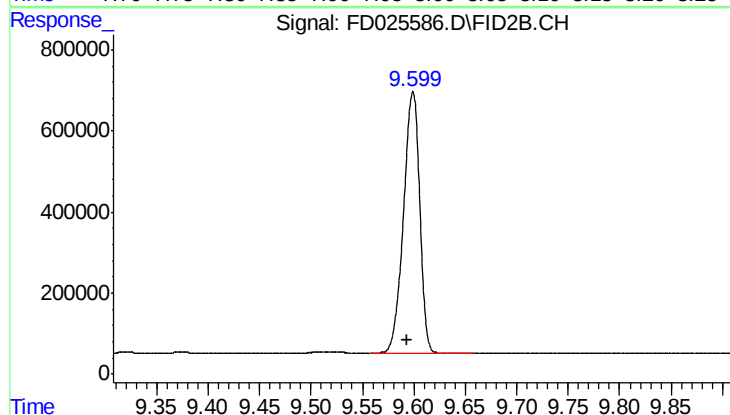
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: 0.006 min
Response: 8016022
Conc: 103.77 ug/ml



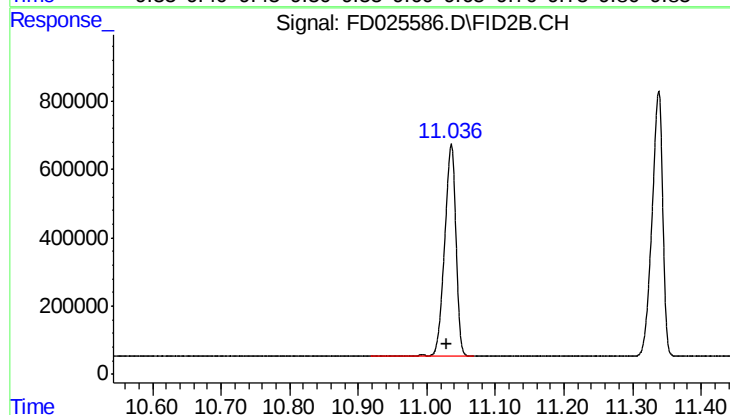
#6 n-Tetradecane (C14)

R.T.: 8.005 min
Delta R.T.: 0.004 min
Response: 6941690
Conc: 102.06 ug/ml



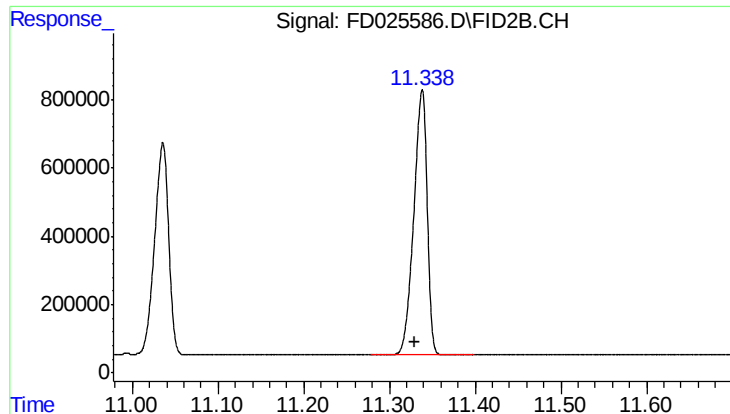
#7 n-Hexadecane (C16)

R.T.: 9.599 min
Delta R.T.: 0.005 min
Response: 7049867
Conc: 100.60 ug/ml



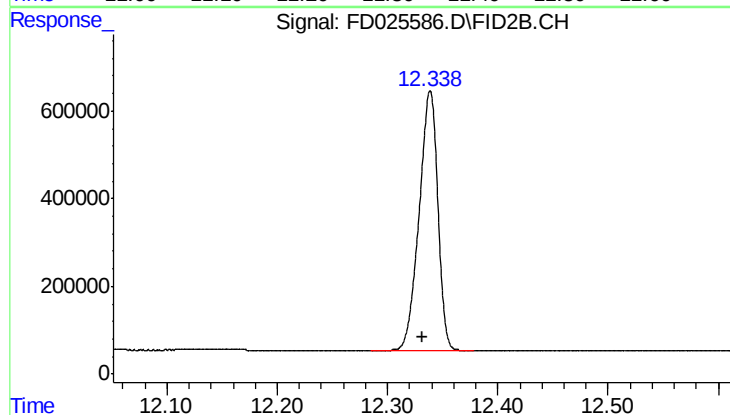
#8 n-Octadecane (C18)

R.T.: 11.035 min
Delta R.T.: 0.007 min
Response: 7097788
Conc: 96.98 ug/ml



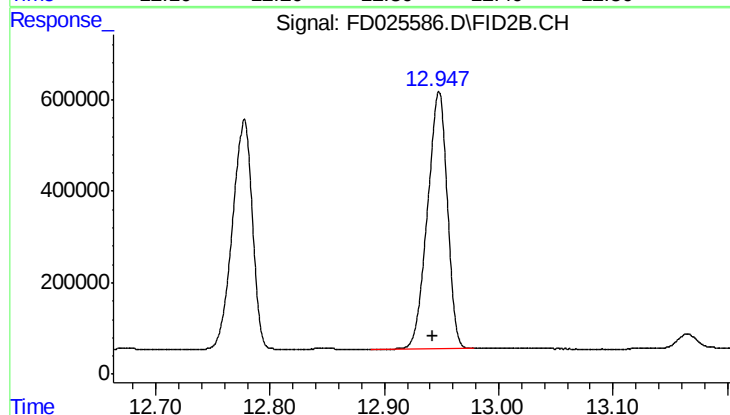
#9 ortho-Terphenyl (SURR)

R.T.: 11.338 min
Delta R.T.: 0.009 min
Response: 8373981
Conc: 101.63 ug/ml



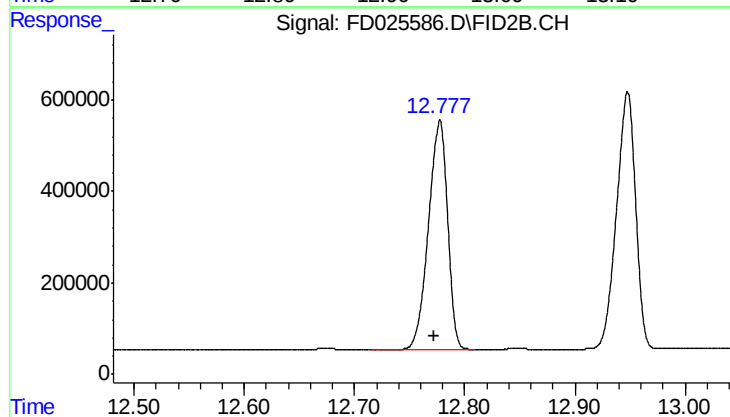
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.007 min
Response: 6962537
Conc: 92.16 ug/ml



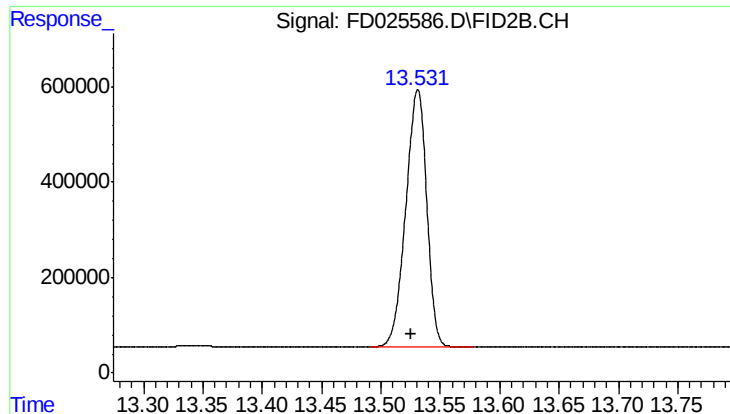
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.006 min
Response: 6767453
Conc: 89.30 ug/ml



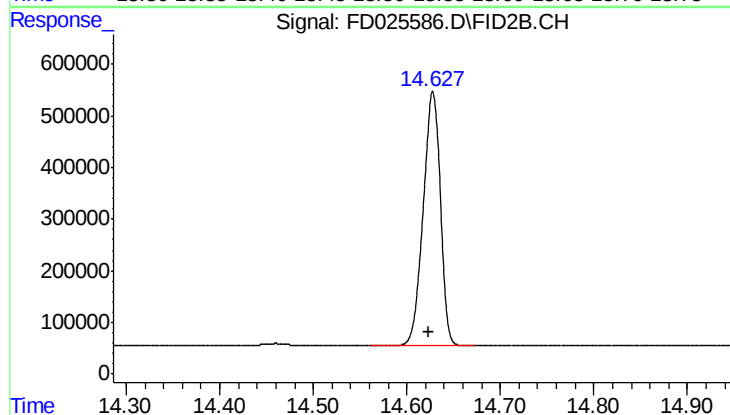
#12 1-chlorooctadecane (SURR)

R.T.: 12.777 min
Delta R.T.: 0.005 min
Response: 6042149
Conc: 90.62 ug/ml



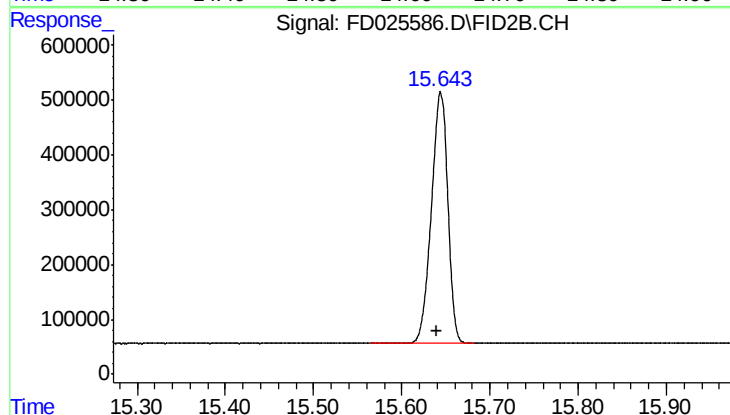
#13 n-Docosane (C22)

R.T.: 13.531 min
Delta R.T.: 0.006 min
Response: 6605830
Conc: 86.65 ug/ml



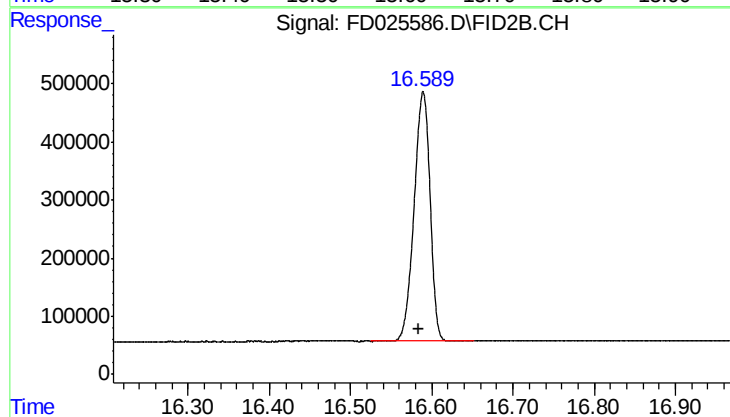
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: 0.004 min
Response: 6254850
Conc: 80.94 ug/ml



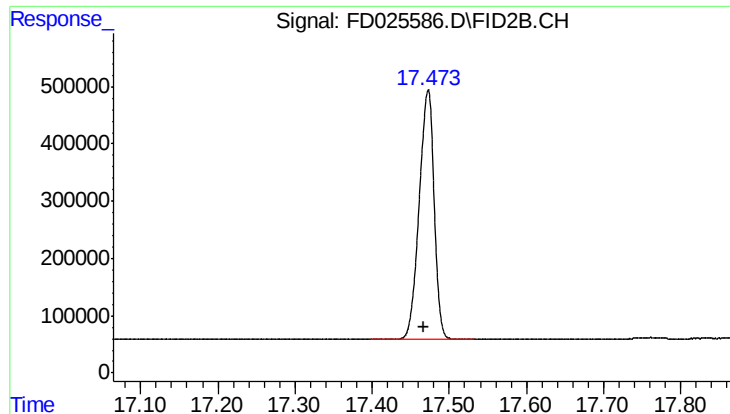
#15 n-Hexacosane (C26)

R.T.: 15.644 min
Delta R.T.: 0.005 min
Response: 5931266
Conc: 76.03 ug/ml



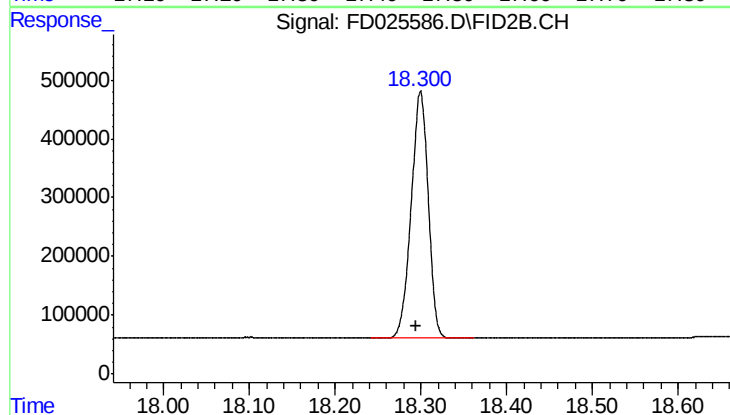
#16 n-Octacosane (C28)

R.T.: 16.589 min
Delta R.T.: 0.005 min
Response: 5873296
Conc: 69.33 ug/ml



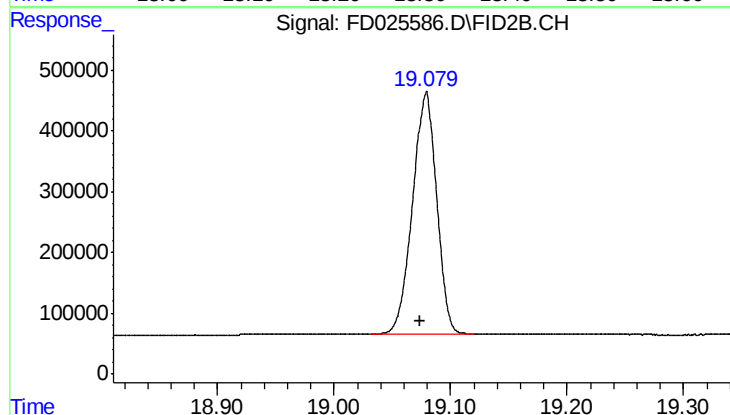
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: 0.006 min
Response: 5885645
Conc: 59.93 ug/ml



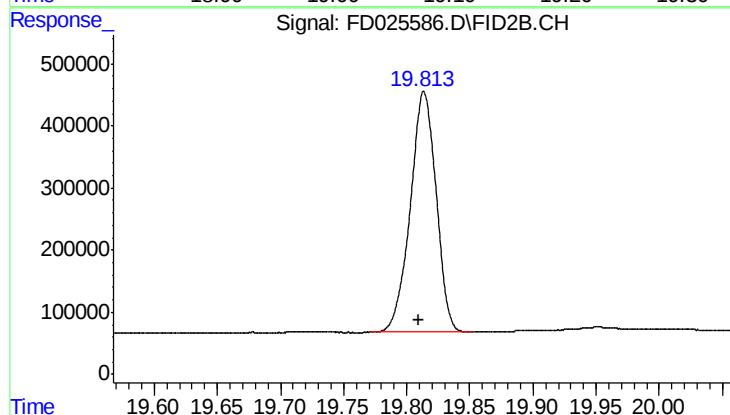
#18 n-Dotriacontane (C32)

R.T.: 18.300 min
Delta R.T.: 0.005 min
Response: 5799547
Conc: 63.16 ug/ml



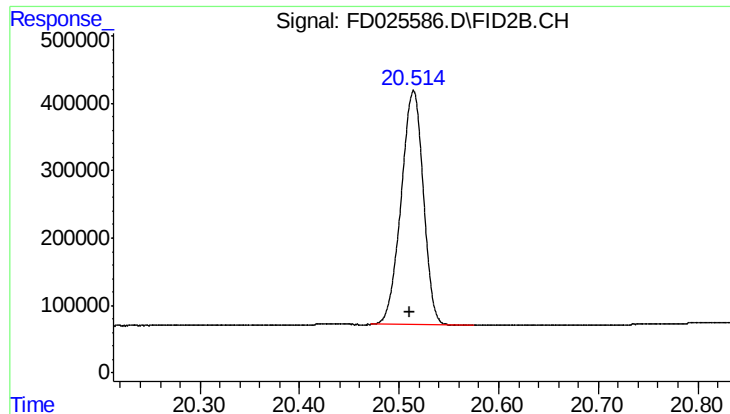
#19 n-Tetratriacontane (C34)

R.T.: 19.079 min
Delta R.T.: 0.005 min
Response: 5715372
Conc: 69.37 ug/ml



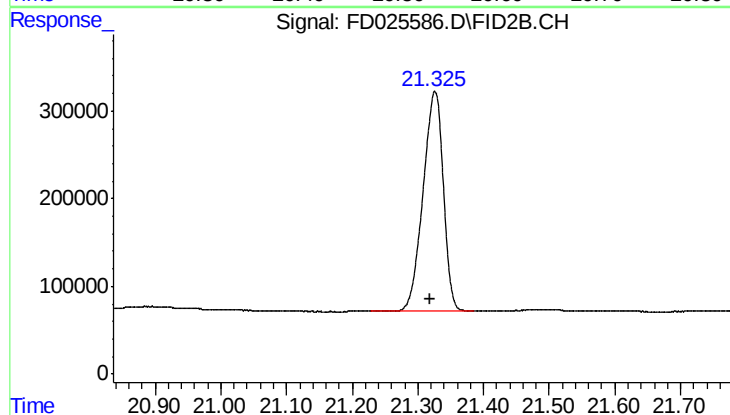
#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: 0.004 min
Response: 5522083
Conc: 70.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.514 min
Delta R.T.: 0.004 min
Response: 5385415
Conc: 69.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.326 min
Delta R.T.: 0.008 min
Response: 5361699
Conc: 68.37 ug/ml