

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
 Data File : FC061953.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2022 07:26
 Operator : YP/AJ
 Sample : PB148561BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148561BSD

Integration File: autoint1.e
 Quant Time: Oct 27 08:37:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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			
12) S 1-chlorooctadecane (S...	13.026	3568593	30.631 ug/ml
Spiked Amount 50.000		Recovery =	61.26%
Target Compounds			
1) T n-Nonane (C9)	3.352	3164934	22.500 ug/ml
2) T n-Decane (C10)	4.419	3845612	26.940 ug/ml
4) T n-Dodecane (C12)	6.433	4572879	31.500 ug/ml
6) T n-Tetradecane (C14)	8.229	4867998	33.489 ug/ml
7) T n-Hexadecane (C16)	9.831	5288347	36.315 ug/ml
8) T n-Octadecane (C18)	11.273	5760649	39.855 ug/ml
10) T n-Eicosane (C20)	12.583	5677508	40.227 ug/ml
11) T n-Heneicosane (C21)	13.194	5628843	40.567 ug/ml
13) T n-Docosane (C22)	13.780	5529314	40.333 ug/ml
14) T n-Tetracosane (C24)	14.882	5774776	43.705 ug/ml
15) T n-Hexacosane (C26)	15.902	5077771	40.298 ug/ml
16) T n-Octacosane (C28)	16.851	4856873	40.271 ug/ml
17) T n-Tricontane (C30)	17.740	4716066	39.636 ug/ml
18) T n-Dotriacontane (C32)	18.571	4672962	39.661 ug/ml
19) T n-Tetratriacontane (C34)	19.354	4689865	41.513 ug/ml
20) T n-Hexatriacontane (C36)	20.094	4517601	39.835 ug/ml
21) T n-Octatriacontane (C38)	20.829	4550444	40.442 ug/ml
22) T n-Tetracontane (C40)	21.748	4454799	39.680 ug/ml

(f)=RT Delta > 1/2 Window

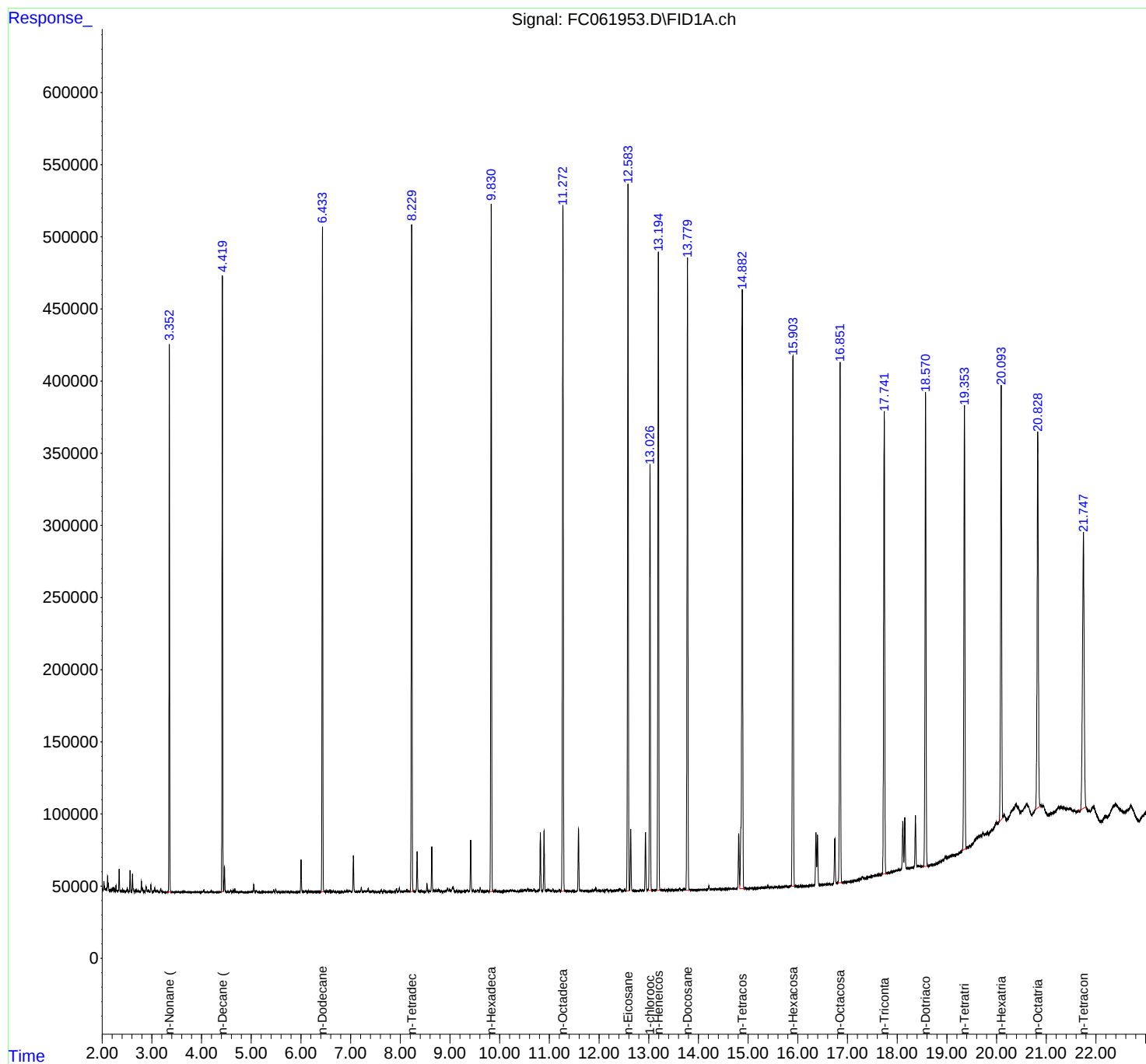
(m)=manual int.

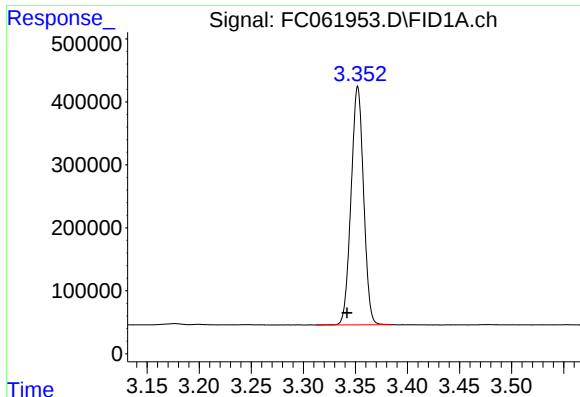
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

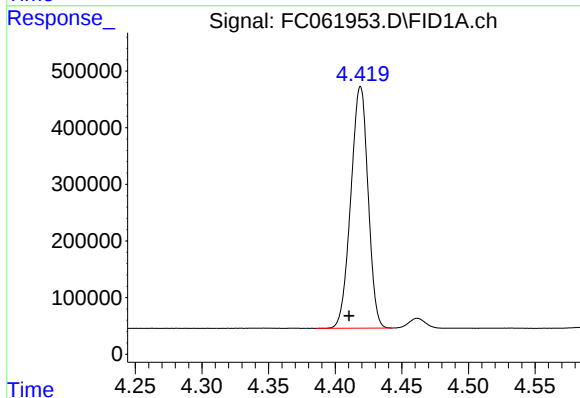




#1 n-Nonane (C9)

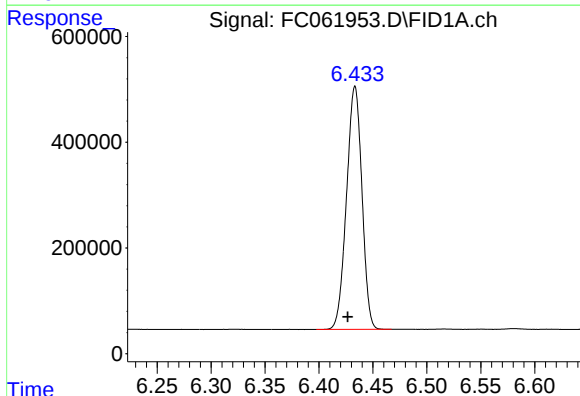
R.T.: 3.352 min
Delta R.T.: 0.010 min
Response: 3164934
Conc: 22.50 ug/ml

Instrument :
FID_C
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PB148561BSD



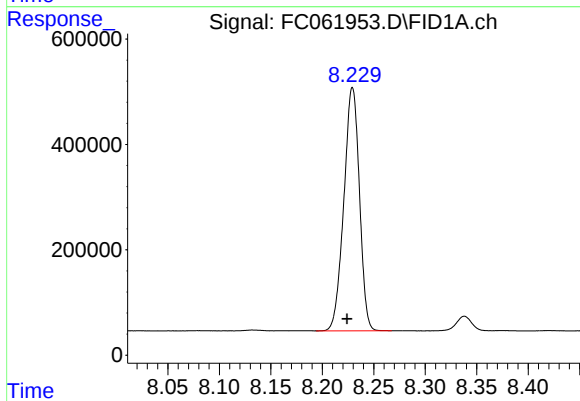
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 3845612
Conc: 26.94 ug/ml



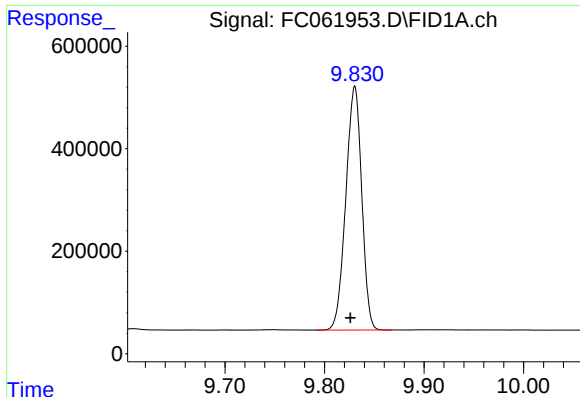
#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: 0.007 min
Response: 4572879
Conc: 31.50 ug/ml



#6 n-Tetradecane (C14)

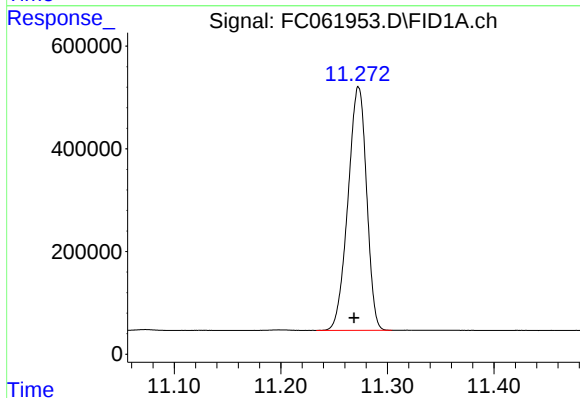
R.T.: 8.229 min
Delta R.T.: 0.005 min
Response: 4867998
Conc: 33.49 ug/ml



#7 n-Hexadecane (C16)

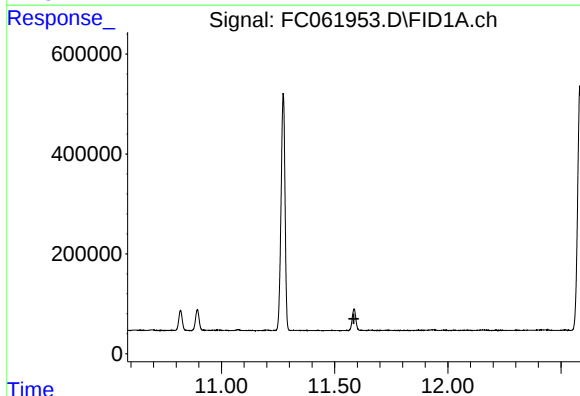
R.T.: 9.831 min
Delta R.T.: 0.005 min
Response: 5288347
Conc: 36.31 ug/ml

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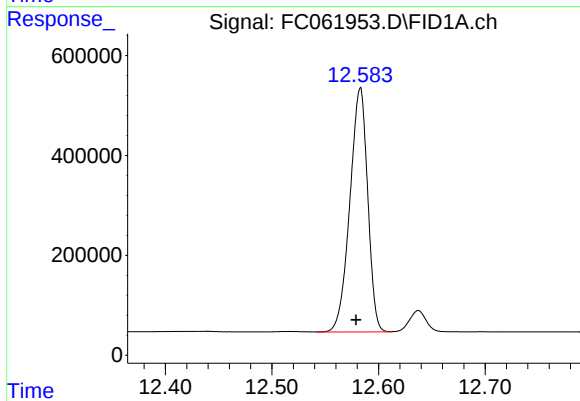
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: 0.004 min
Response: 5760649
Conc: 39.85 ug/ml



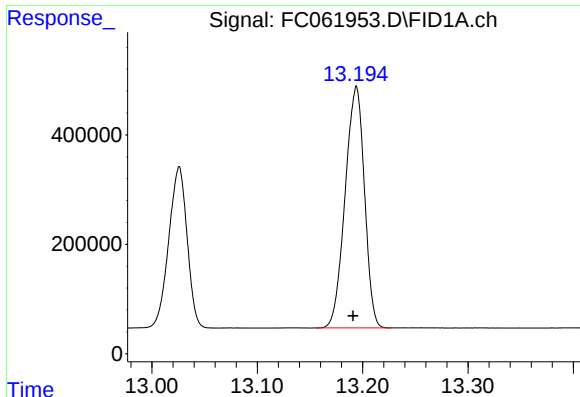
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

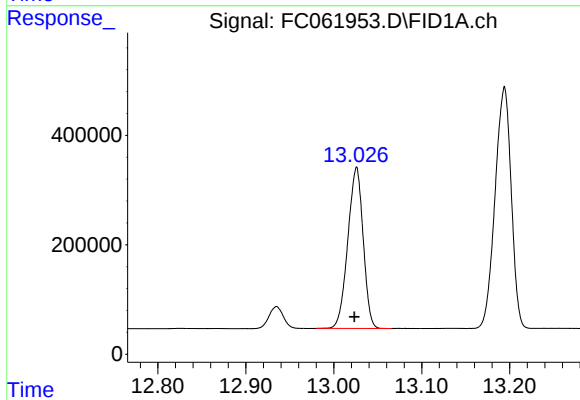
R.T.: 12.583 min
Delta R.T.: 0.004 min
Response: 5677508
Conc: 40.23 ug/ml



#11 n-Heneicosane (C21)

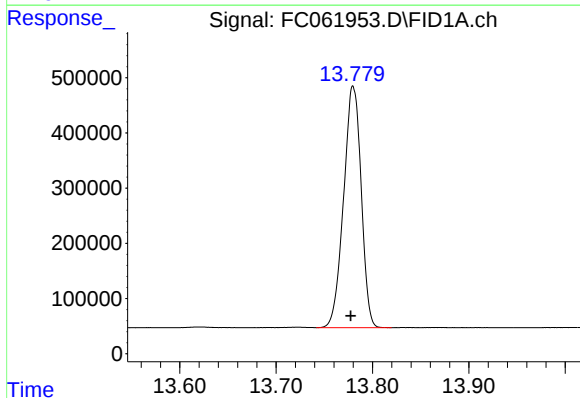
R.T.: 13.194 min
Delta R.T.: 0.003 min
Response: 5628843
Conc: 40.57 ug/ml

Instrument :
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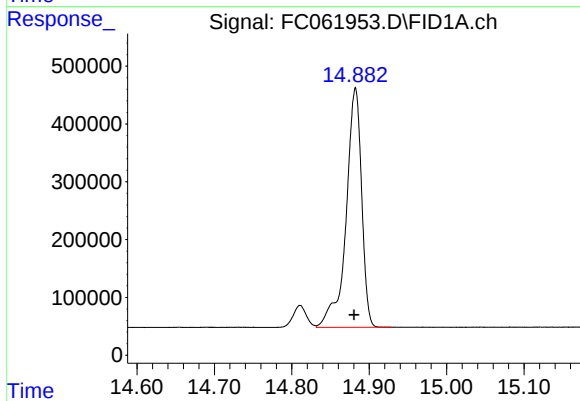
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: 0.002 min
Response: 3568593
Conc: 30.63 ug/ml



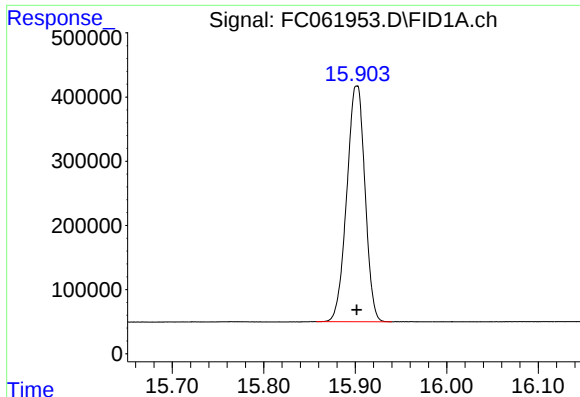
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.002 min
Response: 5529314
Conc: 40.33 ug/ml



#14 n-Tetracosane (C24)

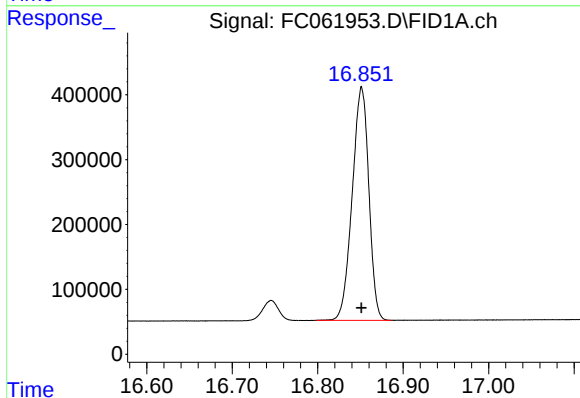
R.T.: 14.882 min
Delta R.T.: 0.002 min
Response: 5774776
Conc: 43.70 ug/ml



#15 n-Hexacosane (C26)

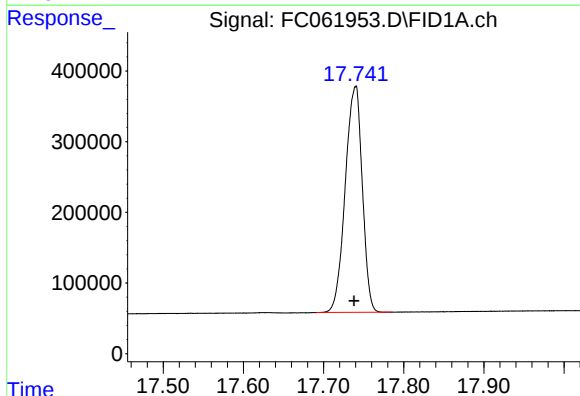
R.T.: 15.902 min
Delta R.T.: 0.000 min
Response: 5077771
Conc: 40.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148561BSD



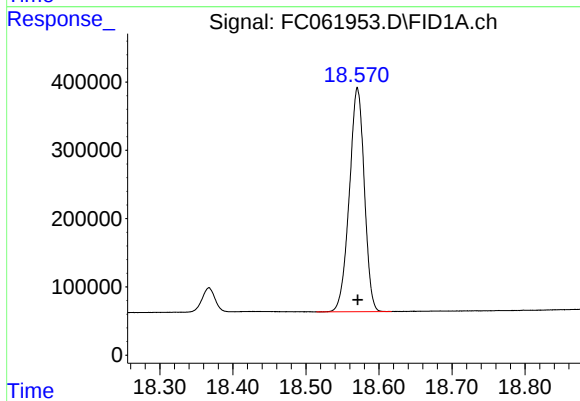
#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: 0.000 min
Response: 4856873
Conc: 40.27 ug/ml



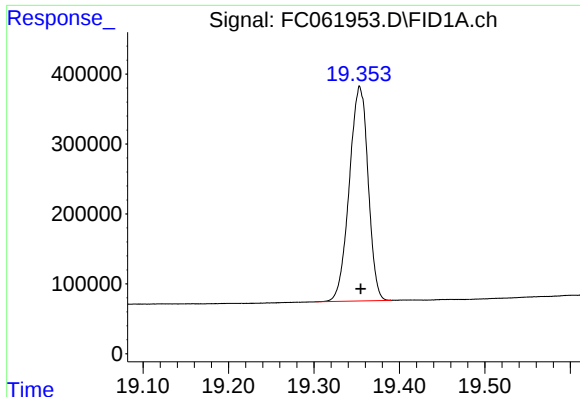
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: 0.002 min
Response: 4716066
Conc: 39.64 ug/ml



#18 n-Dotriacontane (C32)

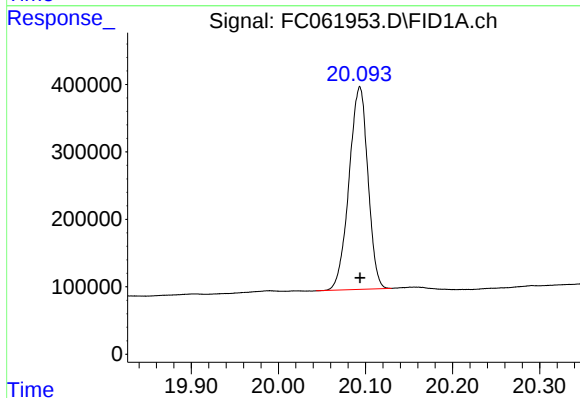
R.T.: 18.571 min
Delta R.T.: 0.000 min
Response: 4672962
Conc: 39.66 ug/ml



#19 n-Tetratriacontane (C34)

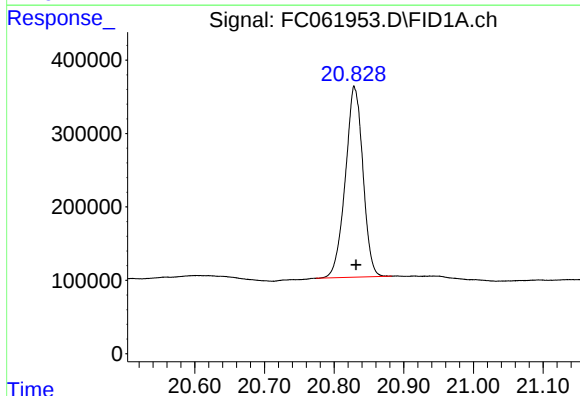
R.T.: 19.354 min
Delta R.T.: 0.000 min
Response: 4689865
Conc: 41.51 ug/ml

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FID_C
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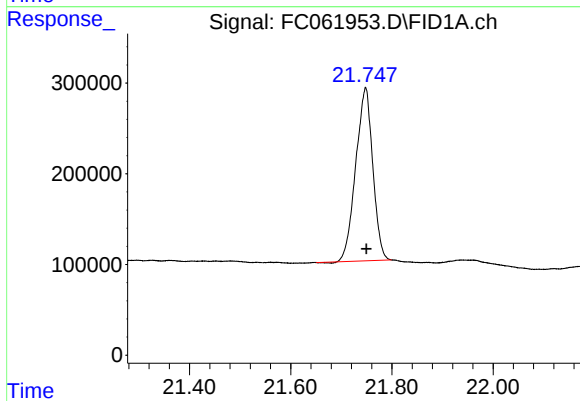
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: 0.000 min
Response: 4517601
Conc: 39.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.002 min
Response: 4550444
Conc: 40.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.748 min
Delta R.T.: -0.002 min
Response: 4454799
Conc: 39.68 ug/ml