

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052712.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2021 11:28
 Operator : DD\AJ
 Sample : FCS CHECK SOL 2
 Misc : LOT#M02142C2 E3060
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 2

Integration File: autoint1.e
 Quant Time: Mar 26 01:03:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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			
12) S 1-chlorooctadecane (S...	13.003	2409801	22.342 ug/ml
Spiked Amount 50.000		Recovery =	44.68%
Target Compounds			
1) T n-Nonane (C9)	3.324	2195640	18.904 ug/ml
2) T n-Decane (C10)	4.391	2811824	23.995 ug/ml
4) T n-Dodecane (C12)	6.411	3505651	29.198 ug/ml
6) T n-Tetradecane (C14)	8.207	3731411	30.852 ug/ml
7) T n-Hexadecane (C16)	9.808	3970978	33.017 ug/ml
8) T n-Octadecane (C18)	11.249	4151210	32.902 ug/ml
10) T n-Eicosane (C20)	12.559	3999770	31.323 ug/ml
11) T n-Heneicosane (C21)	13.172	3933925	30.950 ug/ml
13) T n-Docosane (C22)	13.758	3852881	30.414 ug/ml
14) T n-Tetracosane (C24)	14.860	3671013	29.387 ug/ml
15) T n-Hexacosane (C26)	15.881	3468475	28.805 ug/ml
16) T n-Octacosane (C28)	16.831	3356846	29.115 ug/ml
17) T n-Tricontane (C30)	17.717	3251536	29.844 ug/ml
18) T n-Dotriacontane (C32)	18.549	3293570	32.824 ug/ml
19) T n-Tetratriacontane (C34)	19.333	3825871	41.622 ug/ml
20) T n-Hexatriacontane (C36)	20.074	5122714	56.178 ug/ml
21) T n-Octatriacontane (C38)	20.808	6580144	80.624 ug/ml
22) T n-Tetracontane (C40)	21.720	8476382	98.403 ug/ml

(f)=RT Delta > 1/2 Window

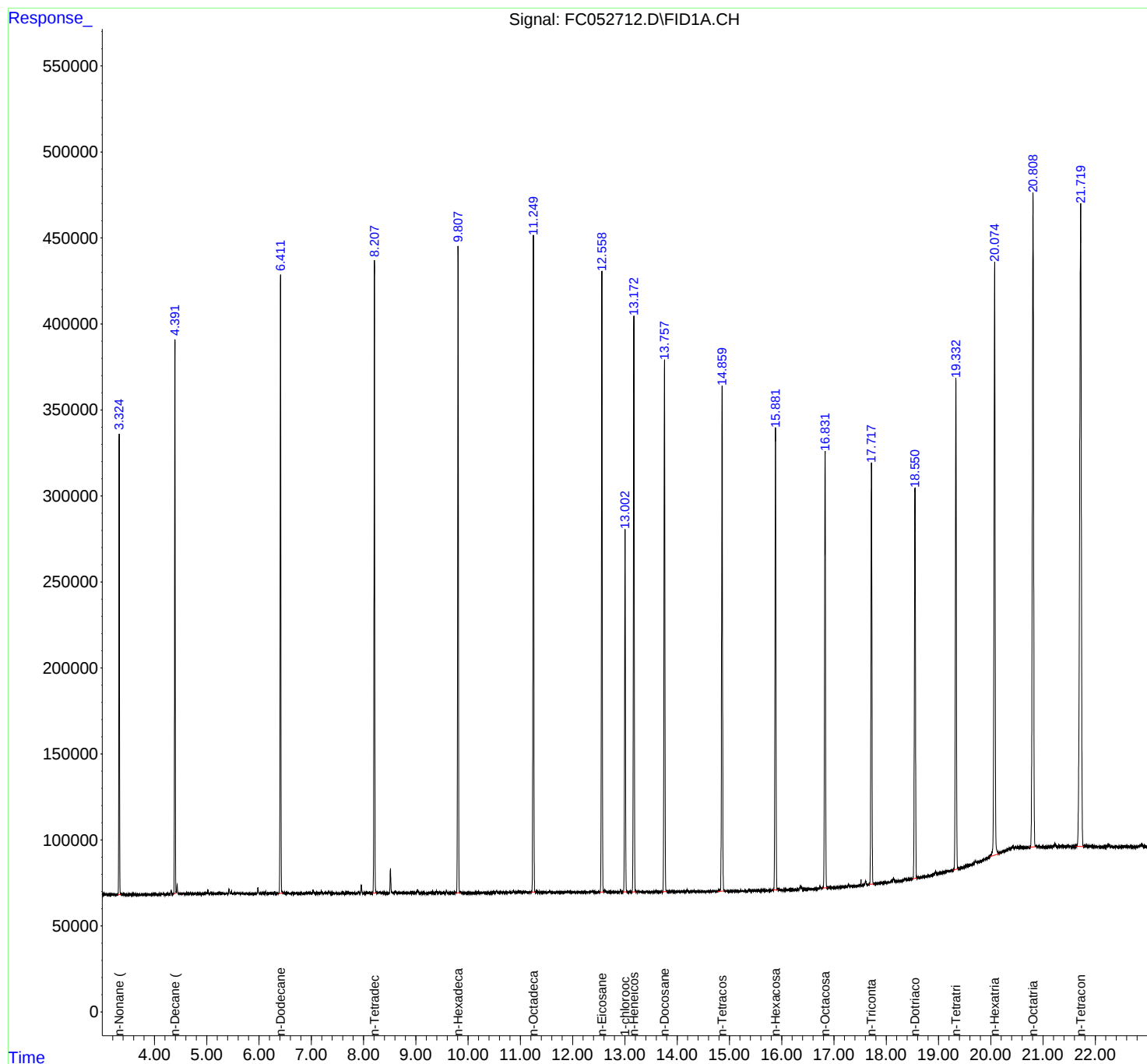
(m)=manual int.

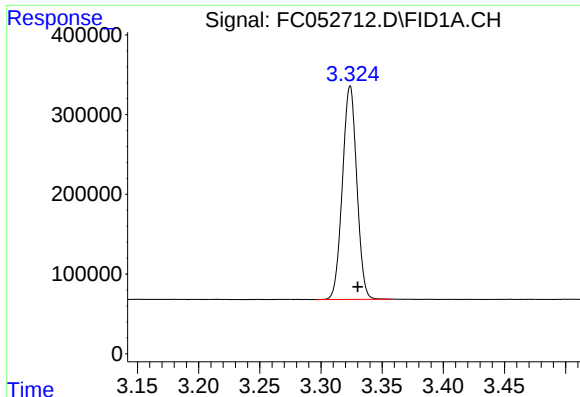
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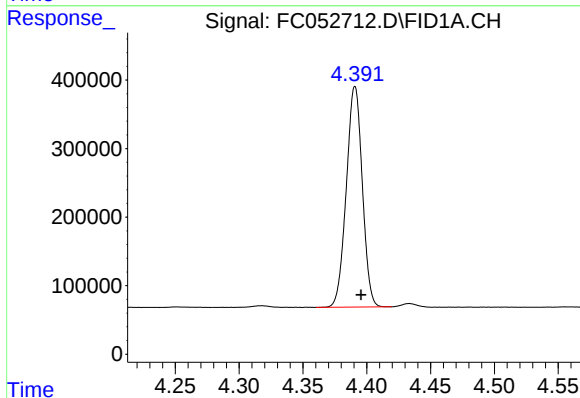




#1 n-Nonane (C9)

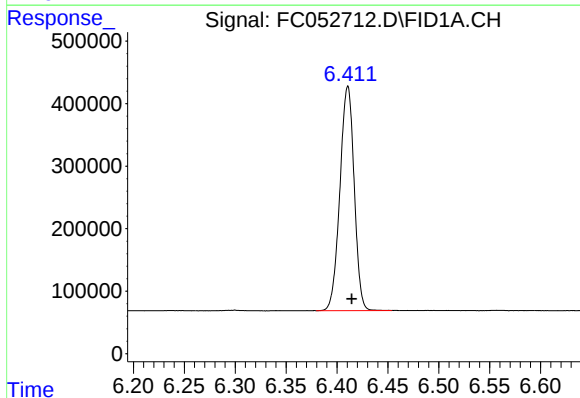
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2195640
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



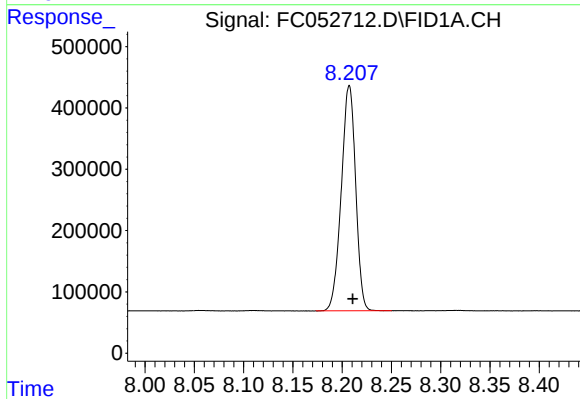
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2811824
Conc: 23.99 ug/ml



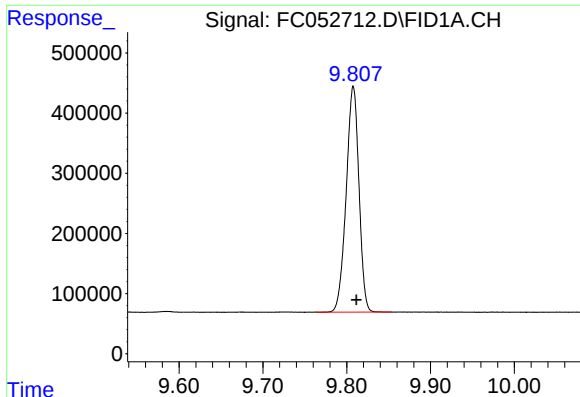
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 3505651
Conc: 29.20 ug/ml



#6 n-Tetradecane (C14)

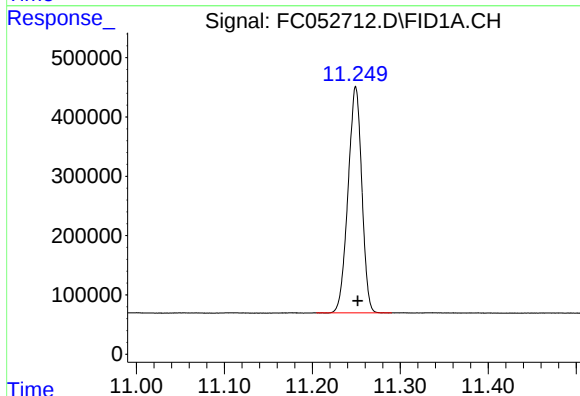
R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 3731411
Conc: 30.85 ug/ml



#7 n-Hexadecane (C16)

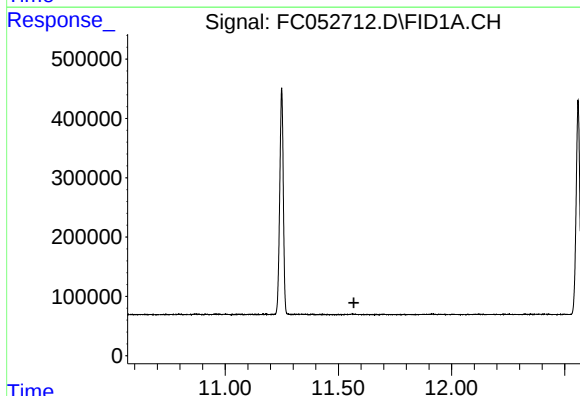
R.T.: 9.808 min
Delta R.T.: -0.004 min
Response: 3970978
Conc: 33.02 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



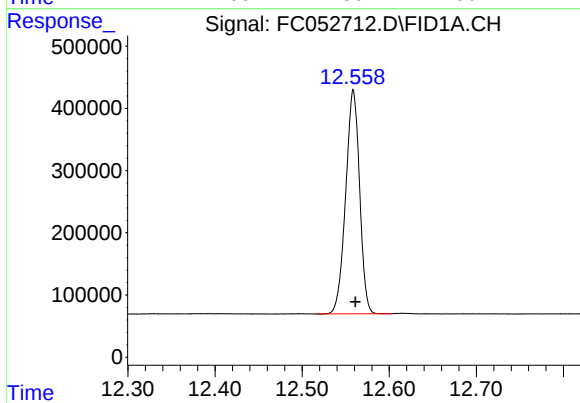
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 4151210
Conc: 32.90 ug/ml



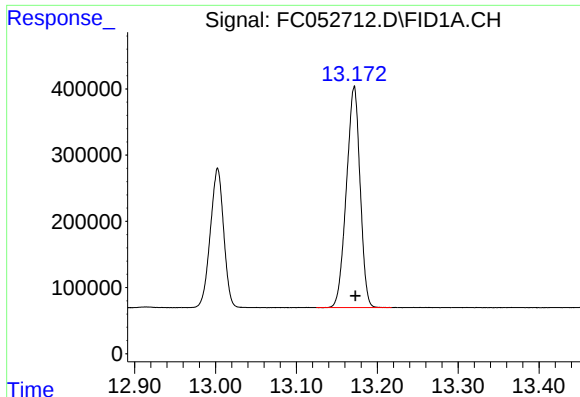
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

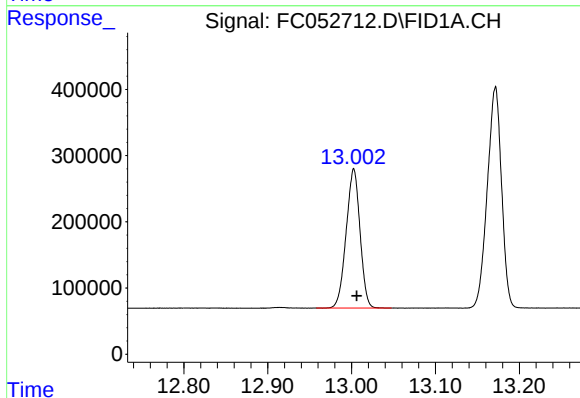
R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 3999770
Conc: 31.32 ug/ml



#11 n-Heneicosane (C21)

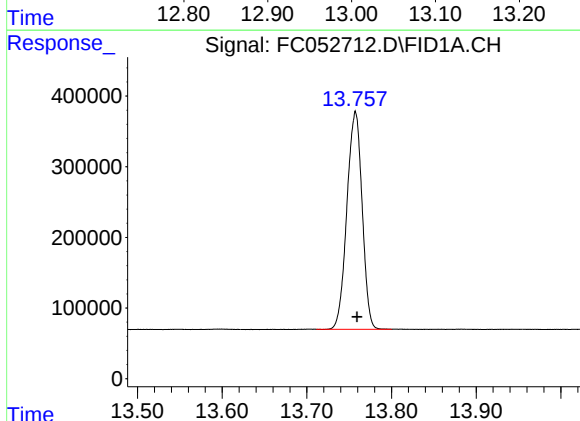
R.T.: 13.172 min
Delta R.T.: -0.001 min
Response: 3933925
Conc: 30.95 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



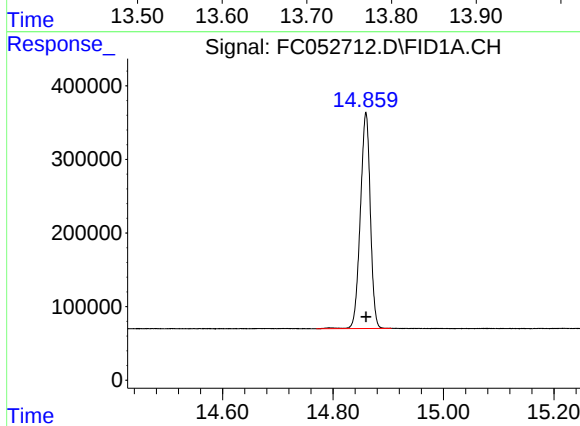
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2409801
Conc: 22.34 ug/ml



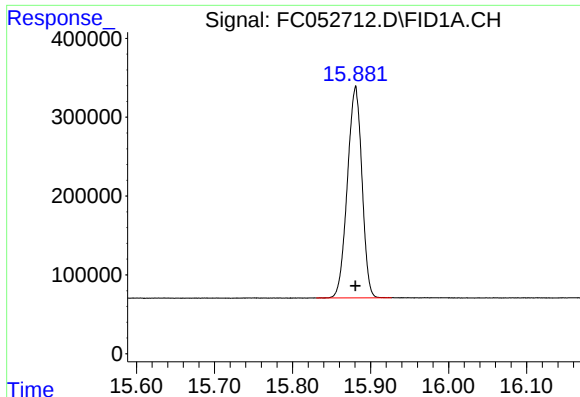
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: -0.002 min
Response: 3852881
Conc: 30.41 ug/ml



#14 n-Tetracosane (C24)

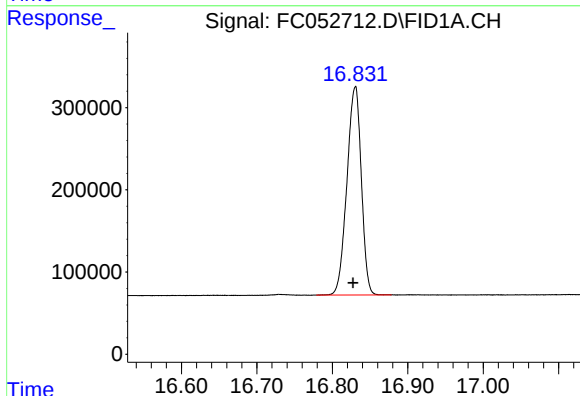
R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 3671013
Conc: 29.39 ug/ml



#15 n-Hexacosane (C26)

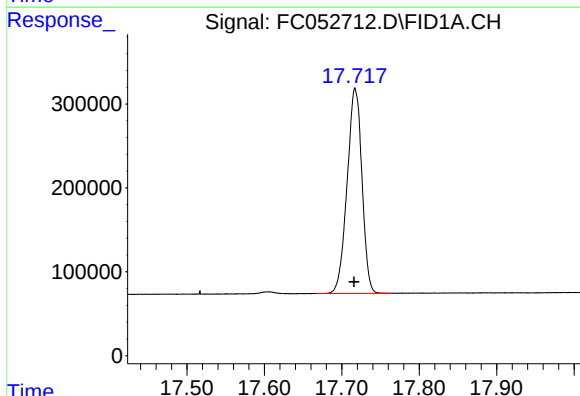
R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 3468475
Conc: 28.81 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



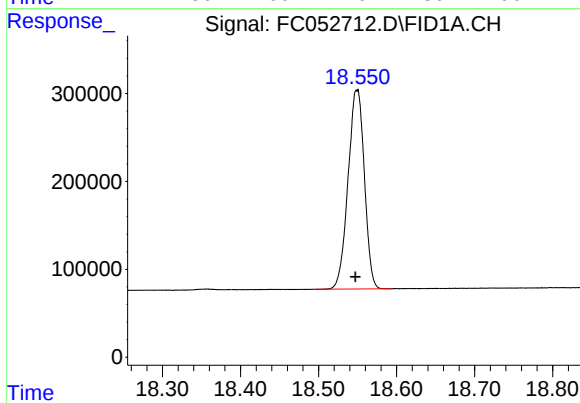
#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: 0.003 min
Response: 3356846
Conc: 29.12 ug/ml



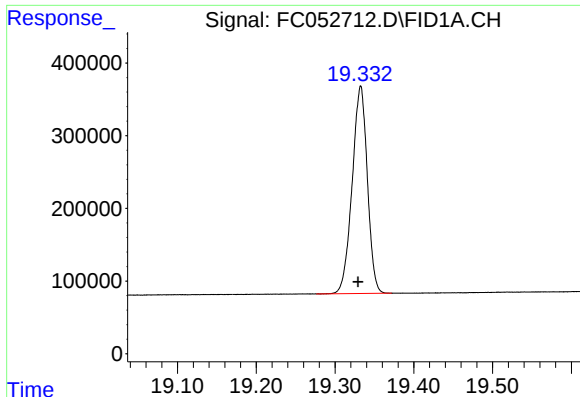
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 3251536
Conc: 29.84 ug/ml



#18 n-Dotriacontane (C32)

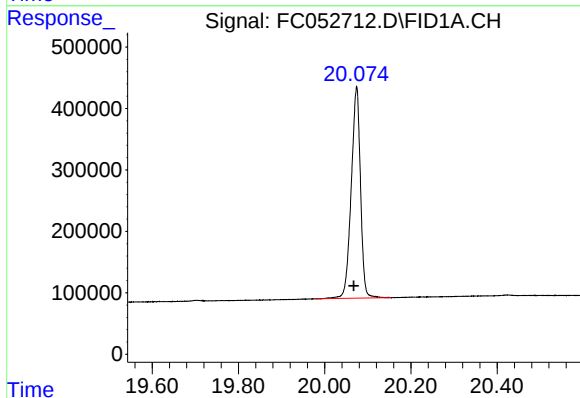
R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 3293570
Conc: 32.82 ug/ml



#19 n-Tetratriacontane (C34)

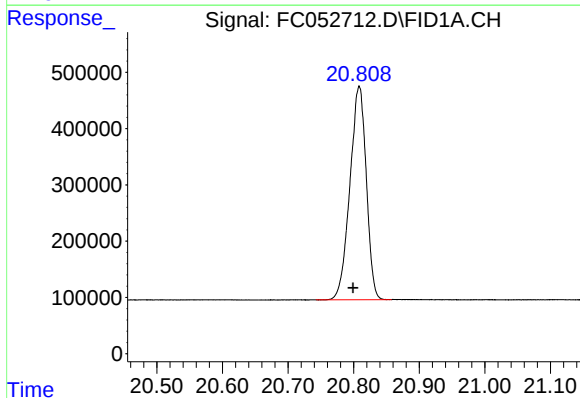
R.T.: 19.333 min
Delta R.T.: 0.003 min
Response: 3825871
Conc: 41.62 ug/ml

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FID_C
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FCS CHECK SOL 2



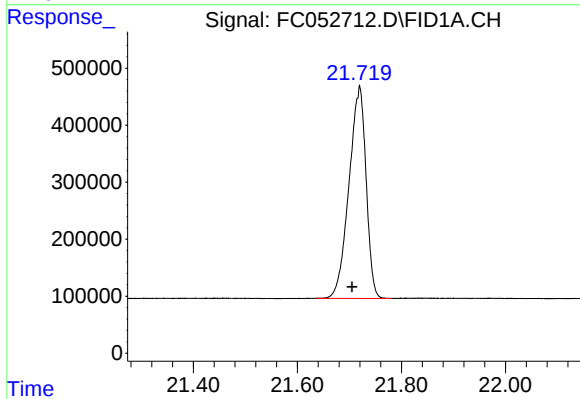
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.007 min
Response: 5122714
Conc: 56.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.009 min
Response: 6580144
Conc: 80.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: 0.015 min
Response: 8476382
Conc: 98.40 ug/ml