

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066392.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 12:00
 Operator : YP/AJ
 Sample : P2430-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1011UMR-SS003-1224-01MS

Integration File: autoint1.e
 Quant Time: May 13 01:40:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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...	13.000	2897826	23.625 ug/ml
Spiked Amount 50.000		Recovery =	47.25%
Target Compounds			
1) T n-Nonane (C9)	3.315	3150010	20.857 ug/ml
2) T n-Decane (C10)	4.383	4017135	26.122 ug/ml
4) T n-Dodecane (C12)	6.406	5097484	33.169 ug/ml
6) T n-Tetradecane (C14)	8.203	5637942	37.254 ug/ml
7) T n-Hexadecane (C16)	9.805	5782243	37.815 ug/ml
8) T n-Octadecane (C18)	11.247	5890130	38.804 ug/ml
10) T n-Eicosane (C20)	12.558	5824830	40.491 ug/ml
11) T n-Heneicosane (C21)	13.170	5620802	39.987 ug/ml
13) T n-Docosane (C22)	13.757	5549977	39.641 ug/ml
14) T n-Tetracosane (C24)	14.860	5411937	38.443 ug/ml
15) T n-Hexacosane (C26)	15.881	5315703	38.862 ug/ml
16) T n-Octacosane (C28)	16.833	5230431	39.056 ug/ml
17) T n-Tricontane (C30)	17.720	5429698	40.291 ug/ml
18) T n-Dotriacontane (C32)	18.554	5092568	39.552 ug/ml
19) T n-Tetratriacontane (C34)	19.337	5168347	43.683 ug/ml
20) T n-Hexatriacontane (C36)	20.079	5142597	44.740 ug/ml
21) T n-Octatriacontane (C38)	20.815	5020417	46.643 ug/ml
22) T n-Tetracontane (C40)	21.727	4779556	44.572 ug/ml

(f)=RT Delta > 1/2 Window

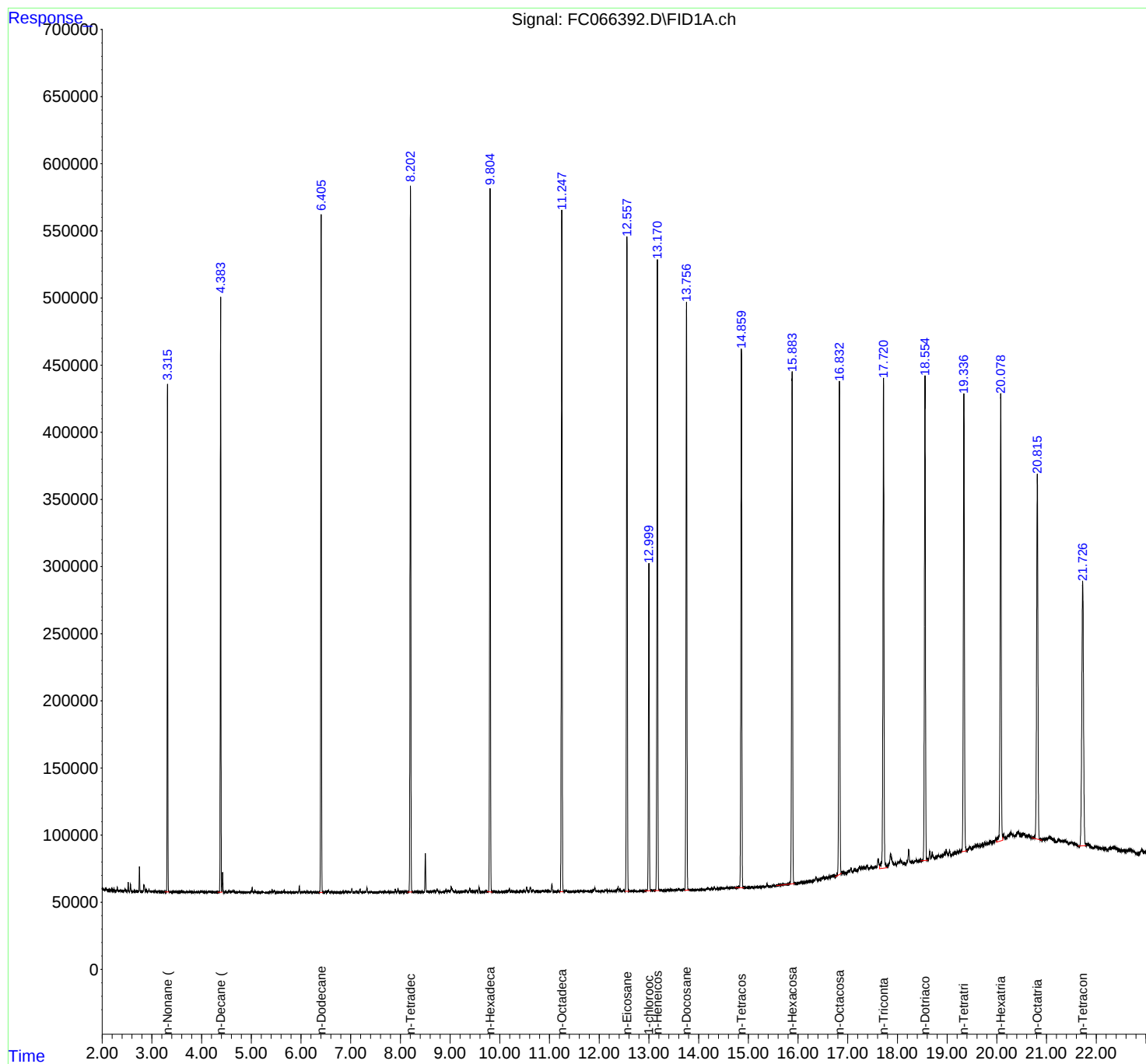
(m)=manual int.

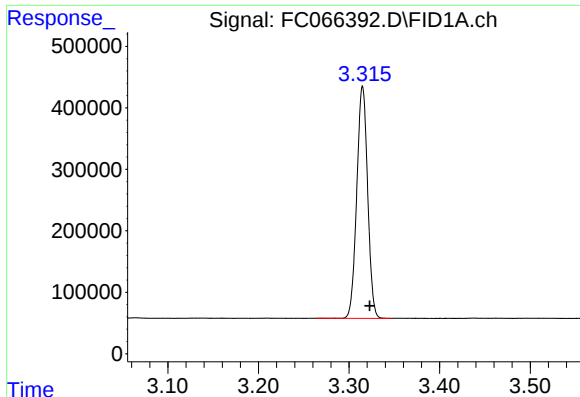
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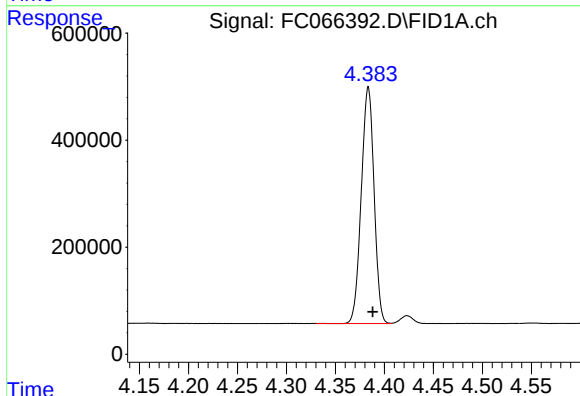




#1 n-Nonane (C9)

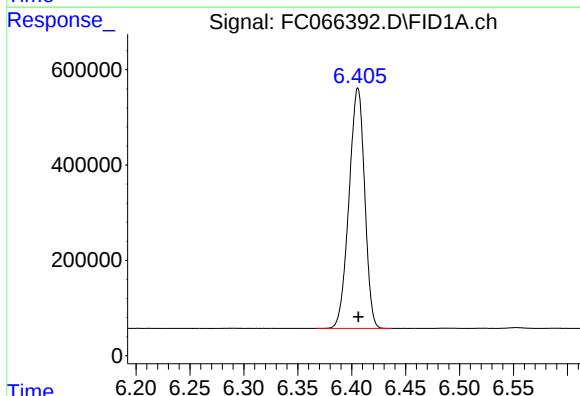
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3150010
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :
1011UMR-SS003-1224-01MS



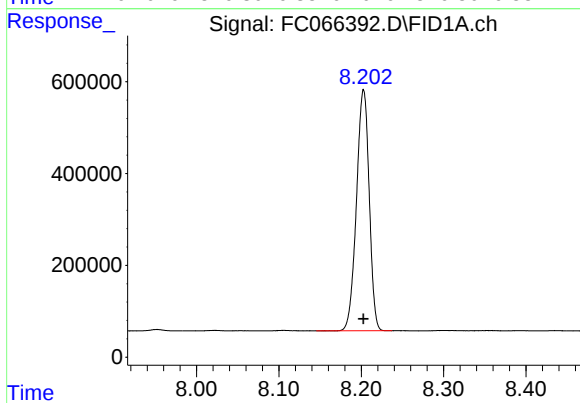
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.004 min
Response: 4017135
Conc: 26.12 ug/ml



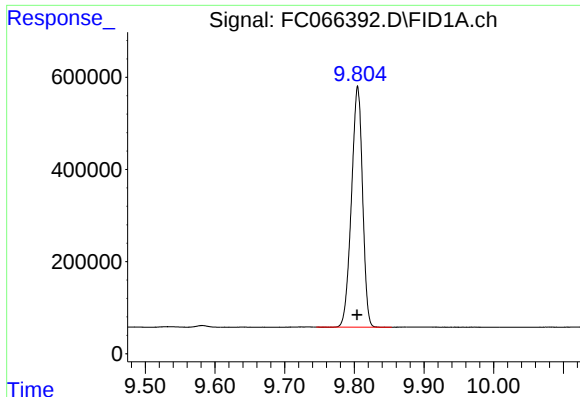
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 5097484
Conc: 33.17 ug/ml



#6 n-Tetradecane (C14)

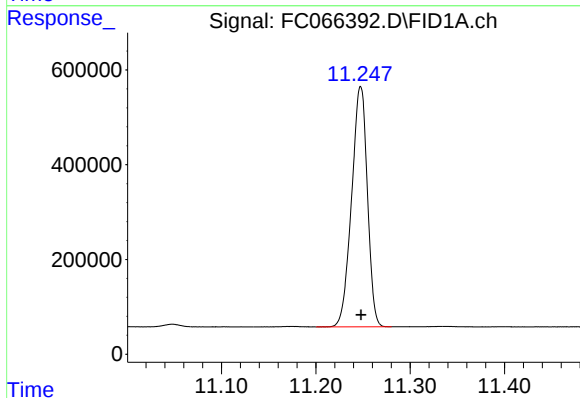
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5637942
Conc: 37.25 ug/ml



#7 n-Hexadecane (C16)

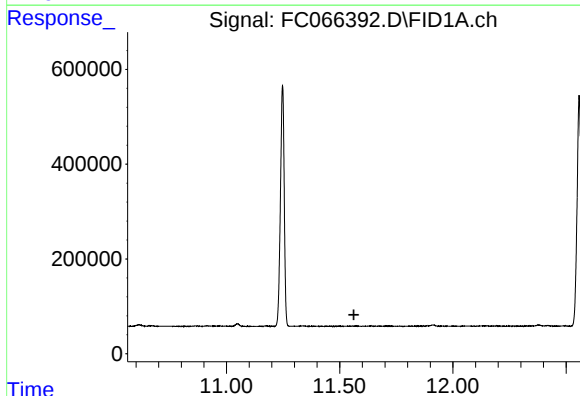
R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 5782243
Conc: 37.82 ug/ml

Instrument :
FID_C
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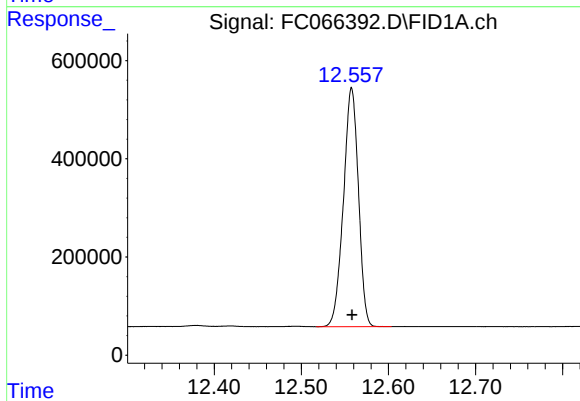
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 5890130
Conc: 38.80 ug/ml



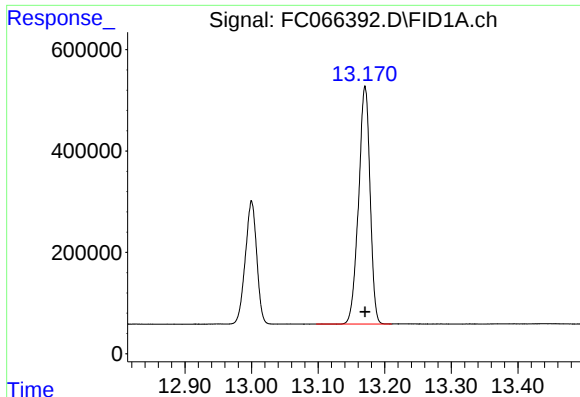
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

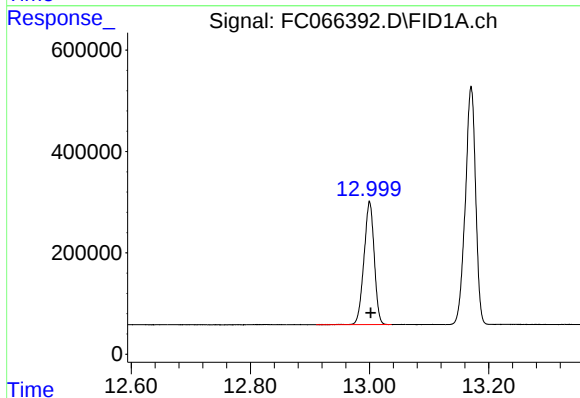
R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 5824830
Conc: 40.49 ug/ml



#11 n-Heneicosane (C21)

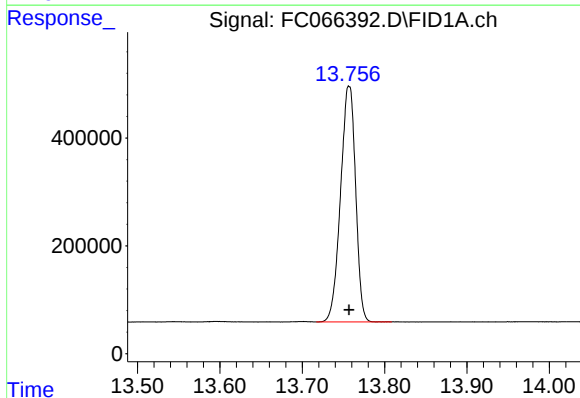
R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 5620802
Conc: 39.99 ug/ml

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FID_C
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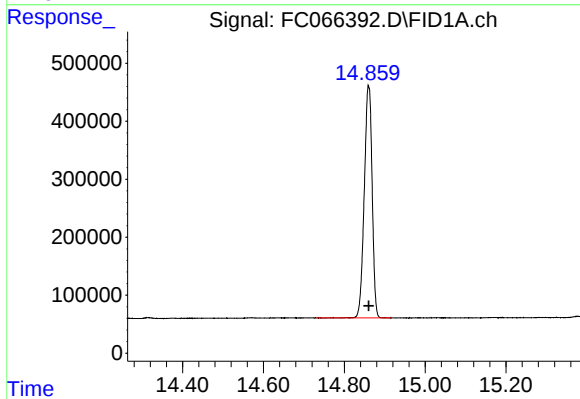
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 2897826
Conc: 23.62 ug/ml



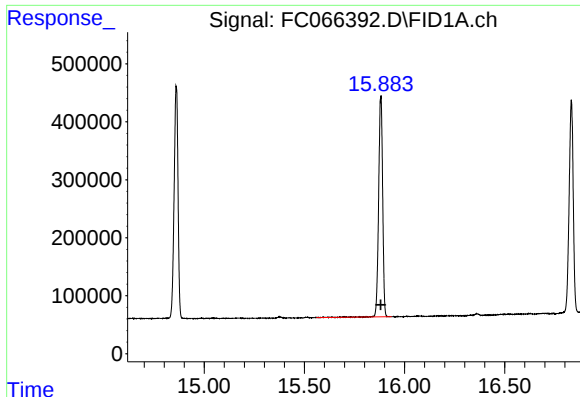
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 5549977
Conc: 39.64 ug/ml



#14 n-Tetracosane (C24)

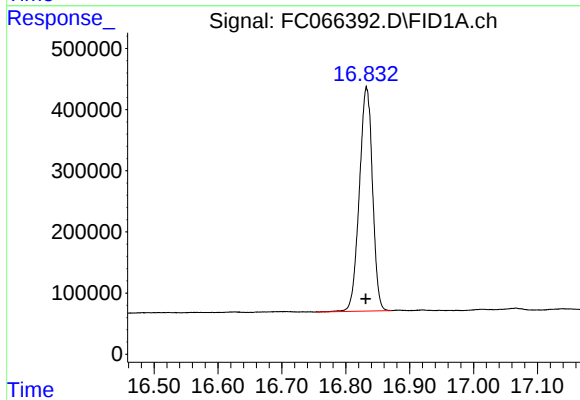
R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 5411937
Conc: 38.44 ug/ml



#15 n-Hexacosane (C26)

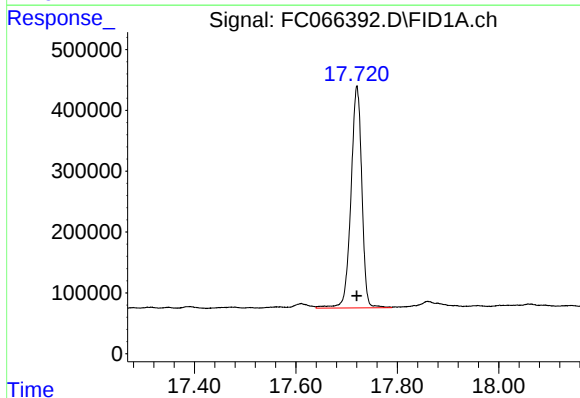
R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 5315703
Conc: 38.86 ug/ml

Instrument :
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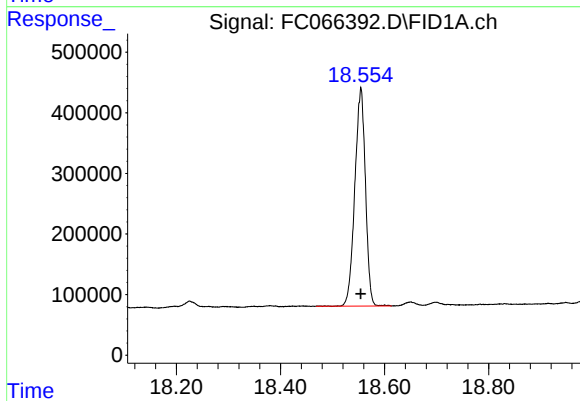
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.001 min
Response: 5230431
Conc: 39.06 ug/ml



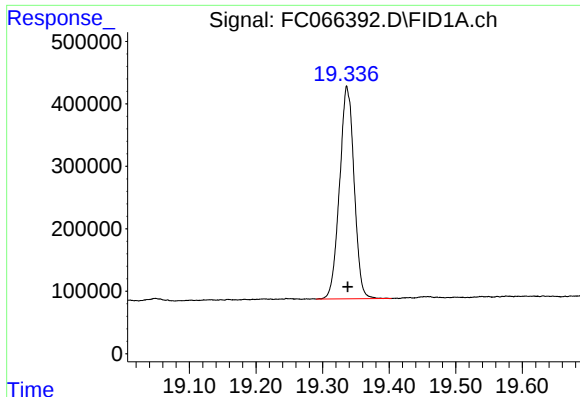
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: 0.000 min
Response: 5429698
Conc: 40.29 ug/ml



#18 n-Dotriacontane (C32)

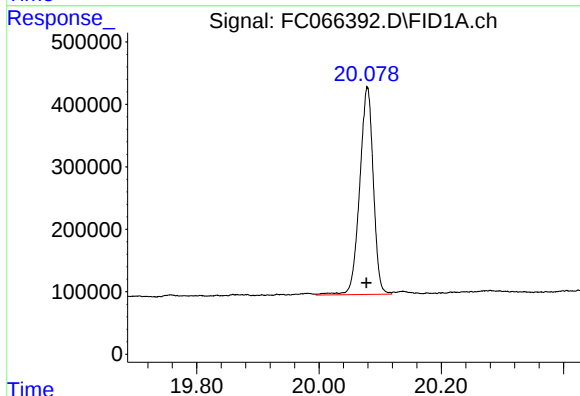
R.T.: 18.554 min
Delta R.T.: 0.000 min
Response: 5092568
Conc: 39.55 ug/ml



#19 n-Tetratriacontane (C34)

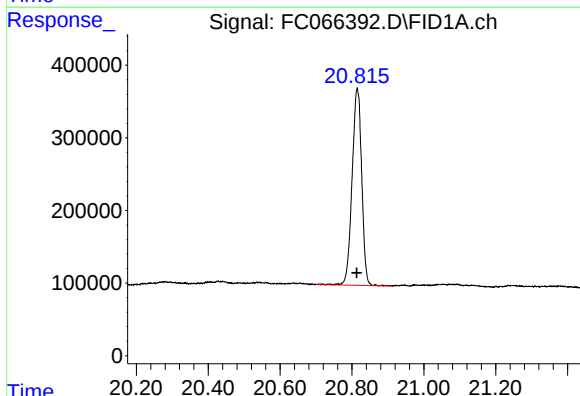
R.T.: 19.337 min
Delta R.T.: 0.000 min
Response: 5168347
Conc: 43.68 ug/ml

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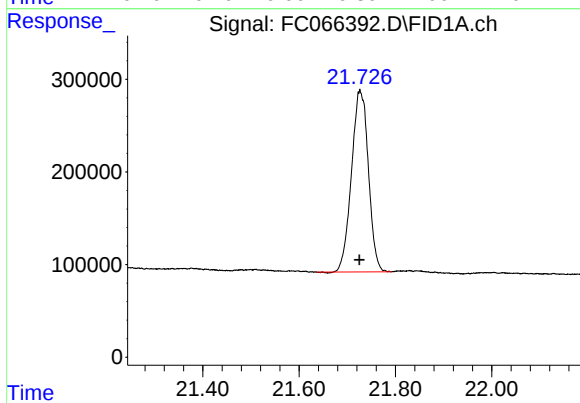
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.001 min
Response: 5142597
Conc: 44.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.002 min
Response: 5020417
Conc: 46.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.001 min
Response: 4779556
Conc: 44.57 ug/ml