

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064504.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 21:35
 Operator : YP/AJ
 Sample : PB155321BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155321BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 00:19:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 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...	12.947	5488297	35.995 ug/ml
Spiked Amount 50.000		Recovery =	71.99%
Target Compounds			
1) T n-Nonane (C9)	3.301	4311061	24.426 ug/ml
2) T n-Decane (C10)	4.364	5594824	31.894 ug/ml
4) T n-Dodecane (C12)	6.376	6853868	38.452 ug/ml
6) T n-Tetradecane (C14)	8.167	7405855	42.451 ug/ml
7) T n-Hexadecane (C16)	9.764	7994826	46.262 ug/ml
8) T n-Octadecane (C18)	11.201	8526625	48.702 ug/ml
10) T n-Eicosane (C20)	12.507	8668490	51.244 ug/ml
11) T n-Heneicosane (C21)	13.116	8326842	49.890 ug/ml
13) T n-Docosane (C22)	13.700	8203679	50.295 ug/ml
14) T n-Tetracosane (C24)	14.799	7945032	49.891 ug/ml
15) T n-Hexacosane (C26)	15.816	7578419	49.052 ug/ml
16) T n-Octacosane (C28)	16.763	7357772	49.698 ug/ml
17) T n-Tricontane (C30)	17.648	7161155	49.026 ug/ml
18) T n-Dotriacontane (C32)	18.476	6844381	48.454 ug/ml
19) T n-Tetratriacontane (C34)	19.255	6310093	47.226 ug/mlm
20) T n-Hexatriacontane (C36)	19.995	5781489	45.182 ug/ml
21) T n-Octatriacontane (C38)	20.717	5715700	46.546 ug/ml
22) T n-Tetracontane (C40)	21.600	5568959	47.954 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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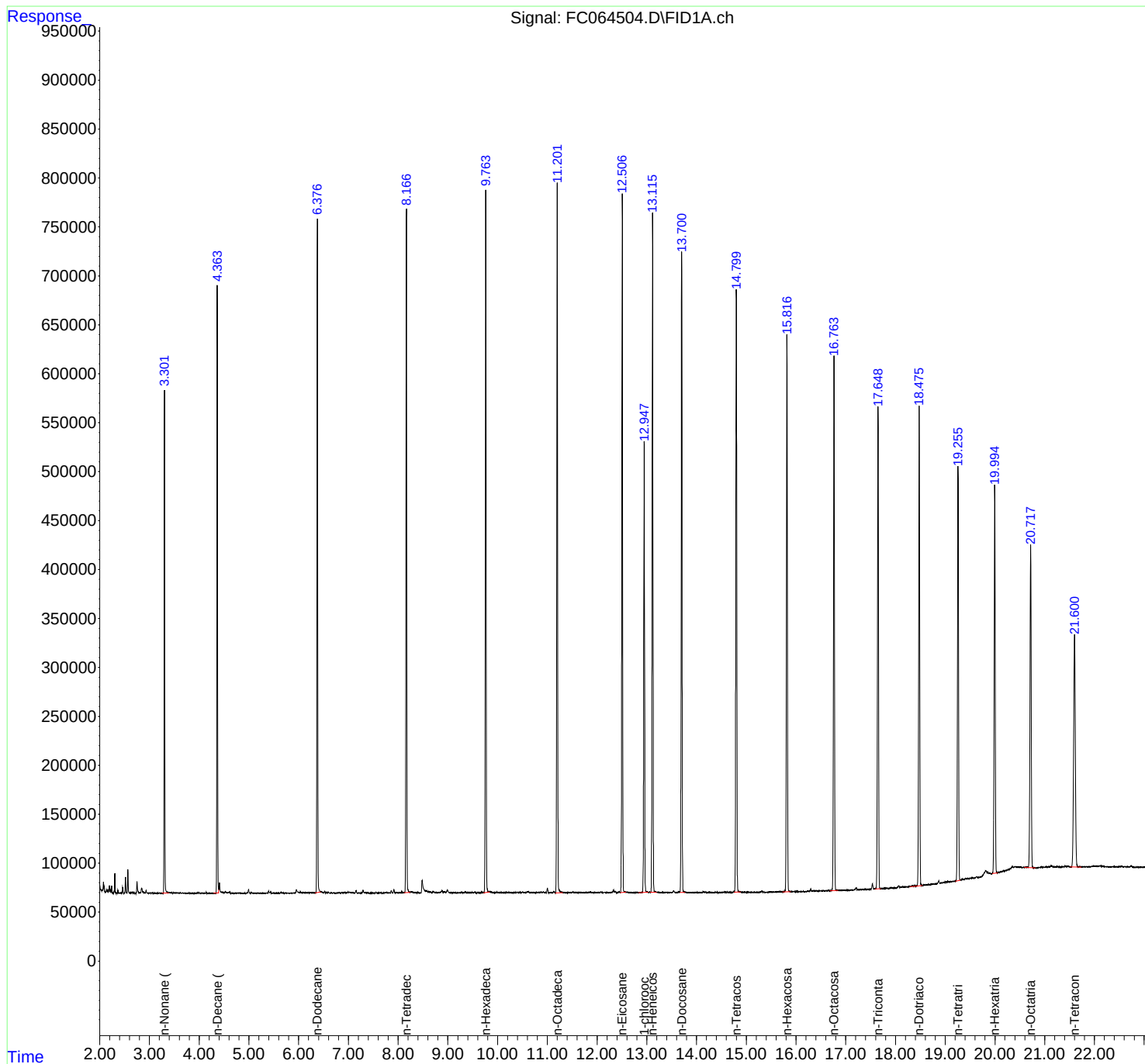
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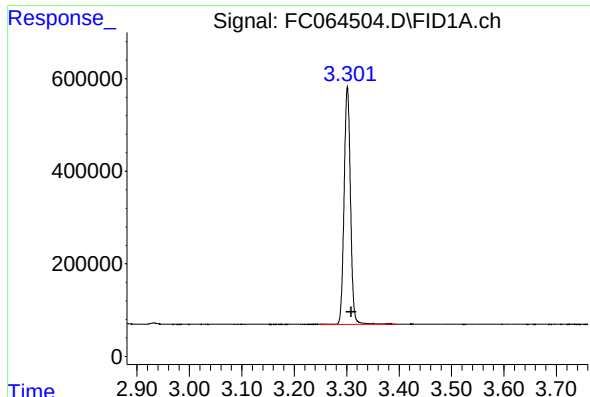
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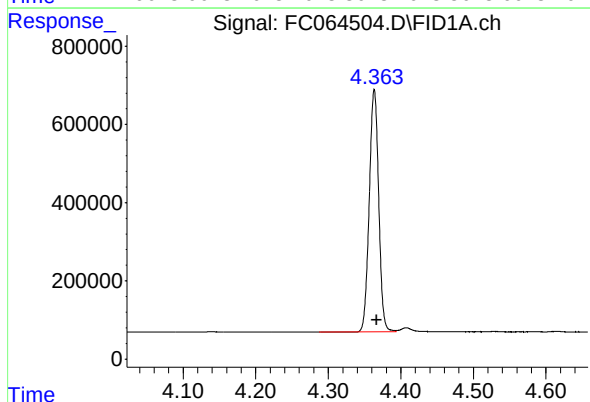
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.008 min
Response: 4311061
Conc: 24.43 ug/ml

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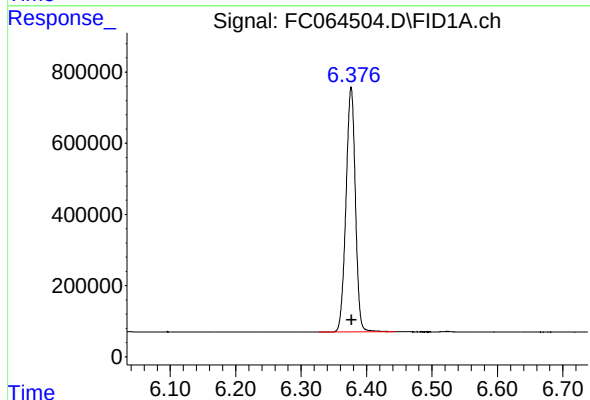
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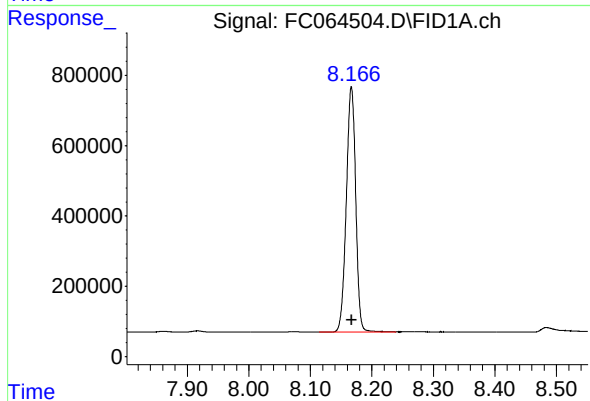
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 5594824
Conc: 31.89 ug/ml



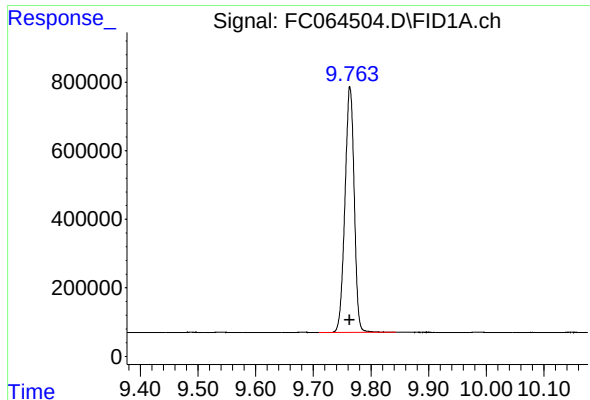
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 6853868
Conc: 38.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 7405855
Conc: 42.45 ug/ml



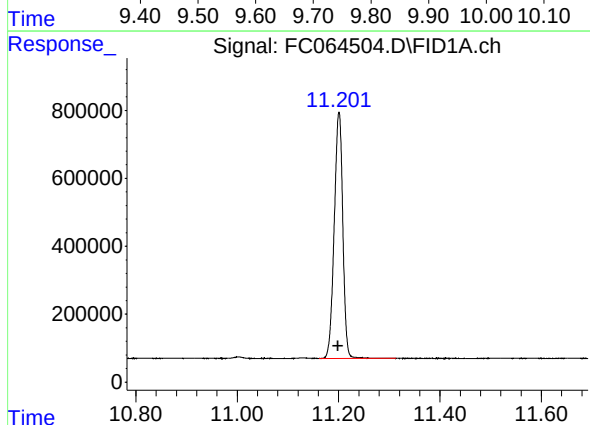
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 7994826
Conc: 46.26 ug/ml

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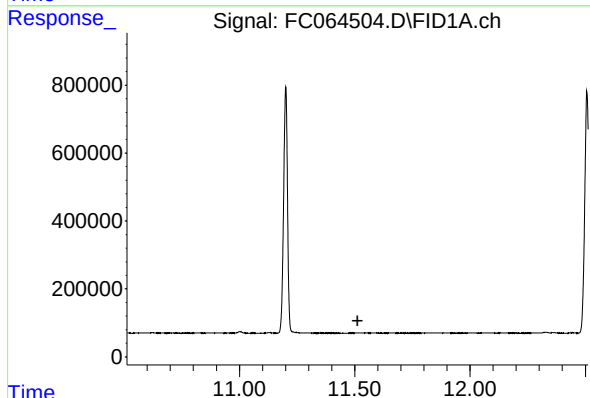
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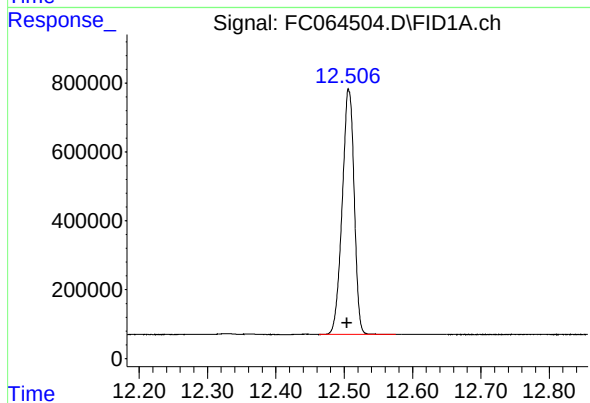
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: 0.002 min
Response: 8526625
Conc: 48.70 ug/ml



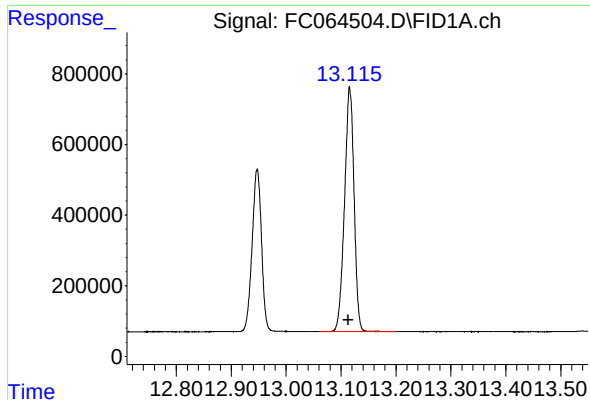
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.003 min
Response: 8668490
Conc: 51.24 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.003 min
Response: 8326842
Conc: 49.89 ug/ml

Instrument :

FID_C

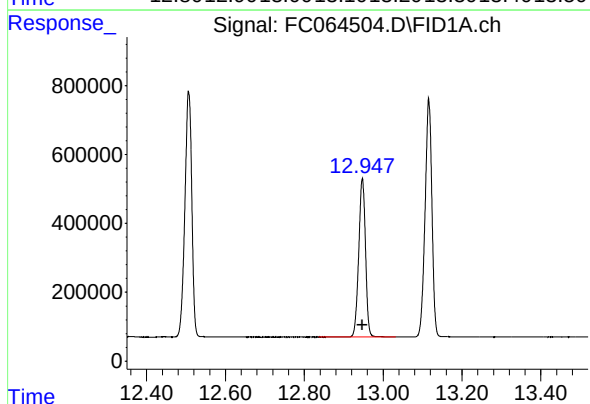
ClientSampleId :

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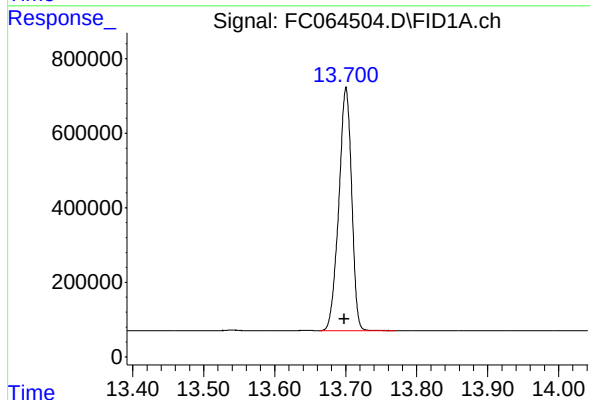
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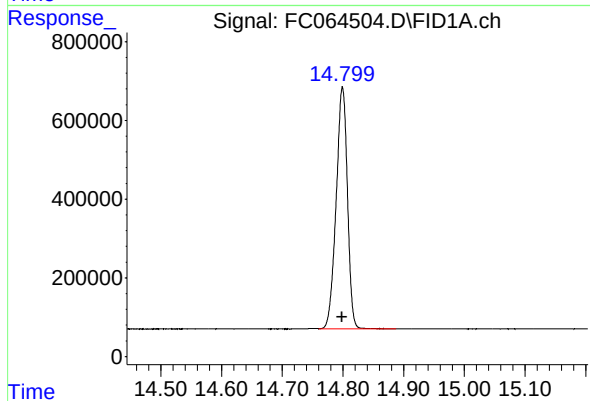
#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 5488297
Conc: 36.00 ug/ml



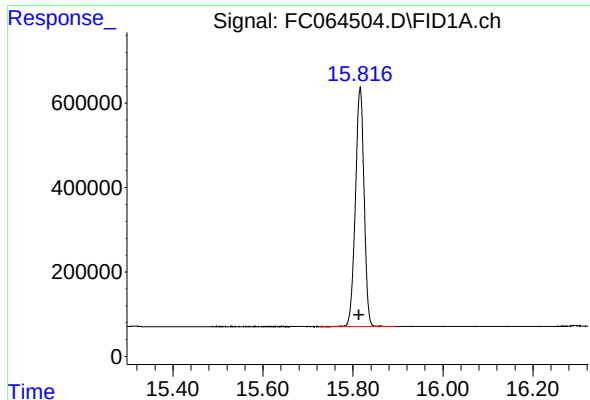
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.002 min
Response: 8203679
Conc: 50.30 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.000 min
Response: 7945032
Conc: 49.89 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.002 min
Response: 7578419
Conc: 49.05 ug/ml

Instrument :

FID_C

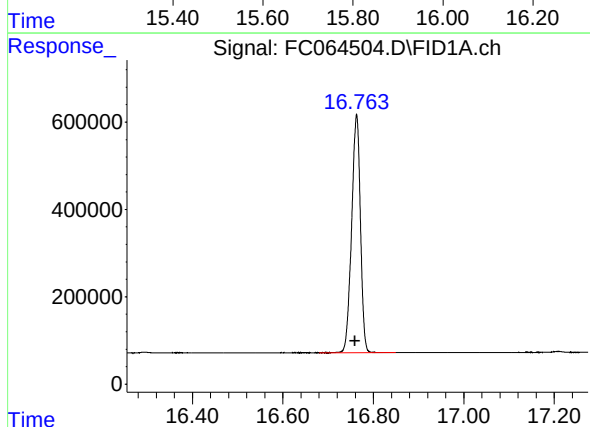
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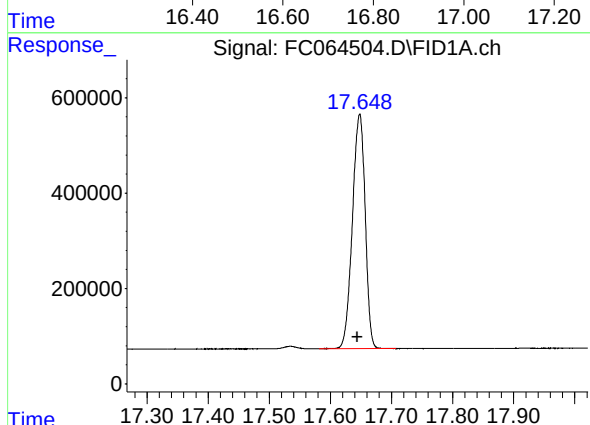
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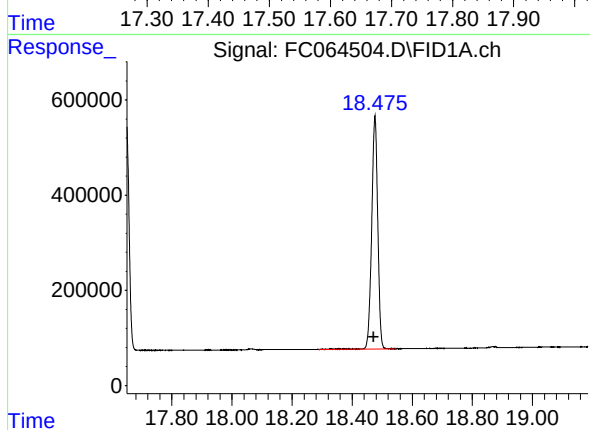
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.004 min
Response: 7357772
Conc: 49.70 ug/ml



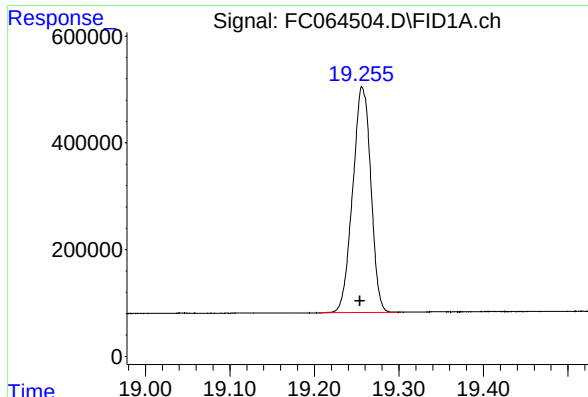
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.004 min
Response: 7161155
Conc: 49.03 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.004 min
Response: 6844381
Conc: 48.45 ug/ml



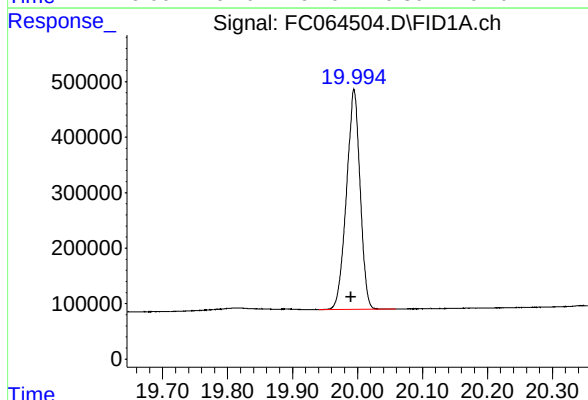
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.001 min
Response: 6310093
Conc: 47.23 ug/ml

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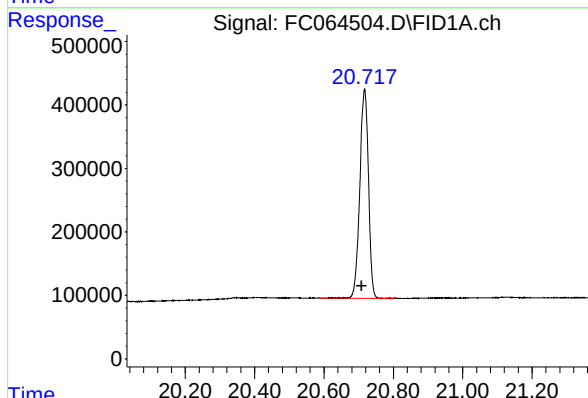
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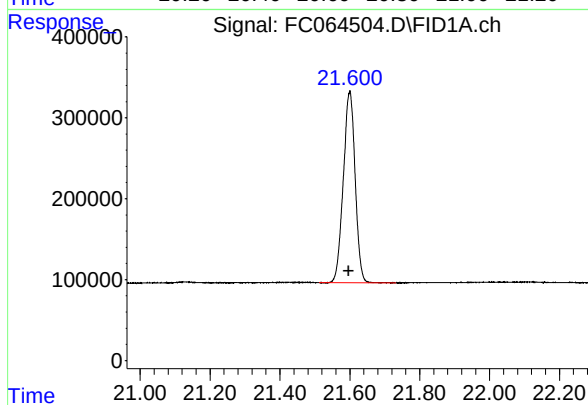
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.005 min
Response: 5781489
Conc: 45.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.008 min
Response: 5715700
Conc: 46.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.004 min
Response: 5568959
Conc: 47.95 ug/ml