

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056505.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2021 17:25
 Operator : AJ\MA
 Sample : M4393-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-1MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 00:18:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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			
9) S ortho-Terphenyl (SURR)	11.626	4873922	39.363 ug/ml
Spiked Amount 50.000		Recovery =	78.73%
12) S 1-chlorooctadecane (S...	13.055	4026728	41.848 ug/ml
Spiked Amount 50.000		Recovery =	83.70%
Target Compounds			
1) T n-Nonane (C9)	3.406	5471114	50.549 ug/ml
2) T n-Decane (C10)	4.461	5798254	53.828 ug/ml
3) T A~Naphthalene (C11.7)	6.044	6113113	50.140 ug/ml
4) T n-Dodecane (C12)	6.470	5921070	53.711 ug/ml
5) T A~2-methylnaphthalene...	7.099	5761153	47.045 ug/ml
6) T n-Tetradecane (C14)	8.264	5889122	52.456 ug/ml
7) T n-Hexadecane (C16)	9.863	5678390	49.946 ug/ml
8) T n-Octadecane (C18)	11.304	5629649	48.175 ug/ml
10) T n-Eicosane (C20)	12.611	5240791	45.601 ug/ml
11) T n-Heneicosane (C21)	13.222	5085424	44.251 ug/ml
13) T n-Docosane (C22)	13.806	4930771	43.796 ug/ml
14) T n-Tetracosane (C24)	14.906	9238176	83.828 ug/ml
15) T n-Hexacosane (C26)	15.926	4602512	43.607 ug/ml
16) T n-Octacosane (C28)	16.871	4576229	44.118 ug/ml
17) T n-Tricontane (C30)	17.756	4480213	43.242 ug/ml
18) T n-Dotriacontane (C32)	18.583	4261611	44.480 ug/ml
19) T n-Tetratriacontane (C34)	19.362	3660143	41.730 ug/ml
20) T n-Hexatriacontane (C36)	20.097	2884210	35.237 ug/mlm
21) T n-Octatriacontane (C38)	20.833	2263528	28.302 ug/mlm
22) T n-Tetracontane (C40)	21.748	1974977	23.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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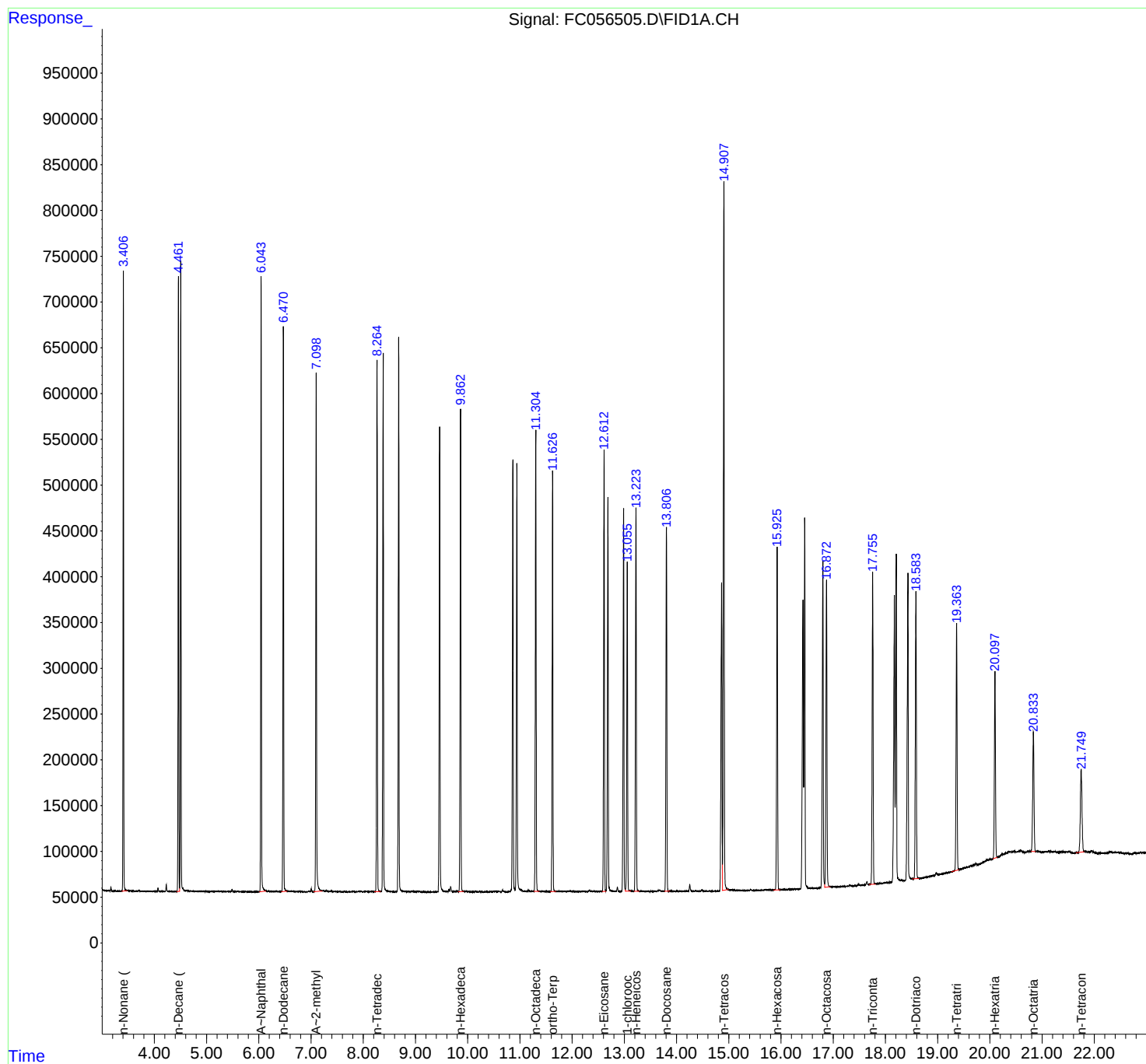
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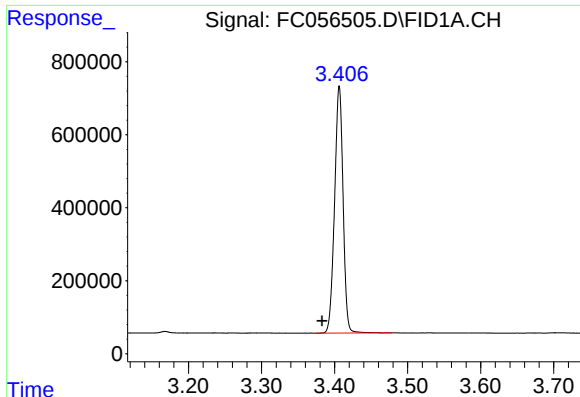
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#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: 0.023 min
Response: 5471114
Conc: 50.55 ug/ml

Instrument :

FID_C

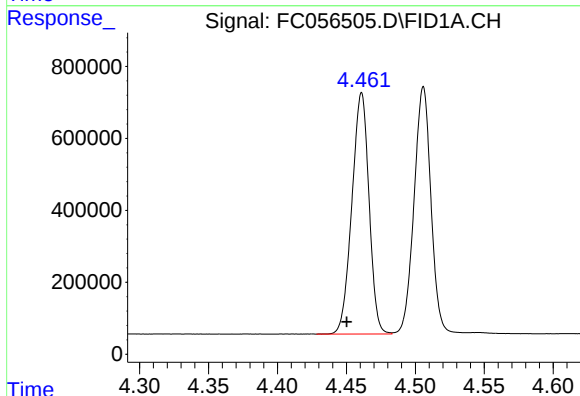
ClientSampleId :

T-1MS

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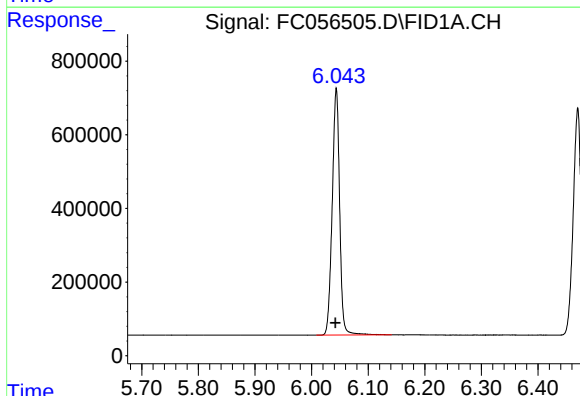
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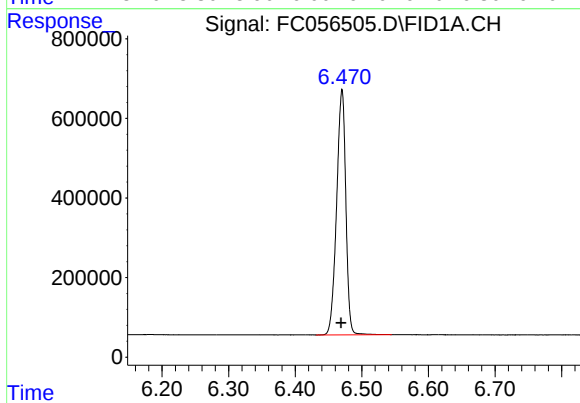
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.011 min
Response: 5798254
Conc: 53.83 ug/ml



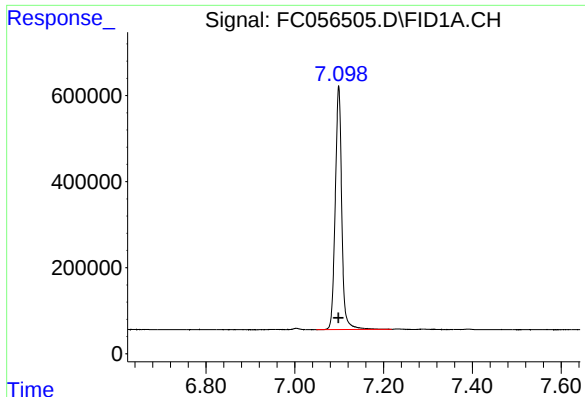
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: 0.002 min
Response: 6113113
Conc: 50.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: 0.001 min
Response: 5921070
Conc: 53.71 ug/ml



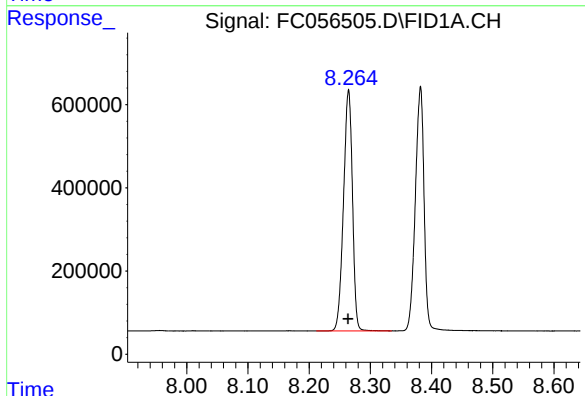
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 5761153
Conc: 47.04 ug/ml

Instrument :
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T-1MS

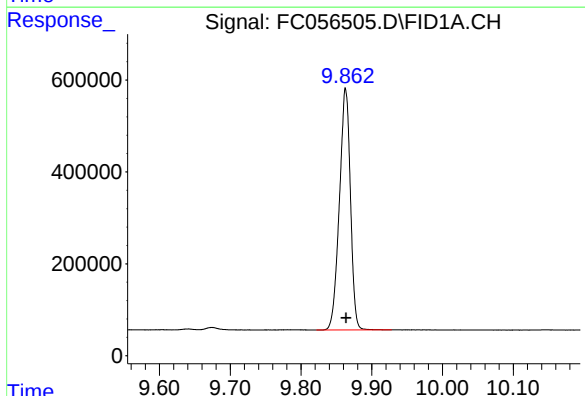
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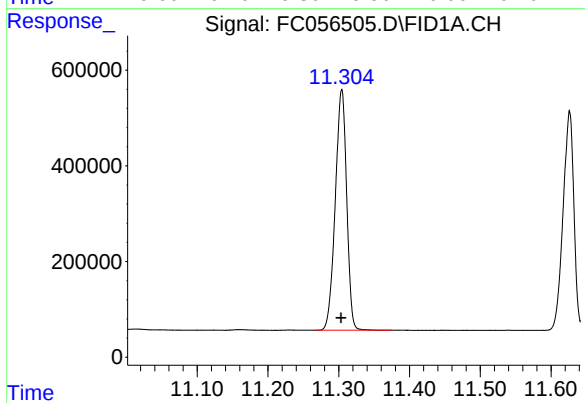
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 5889122
Conc: 52.46 ug/ml



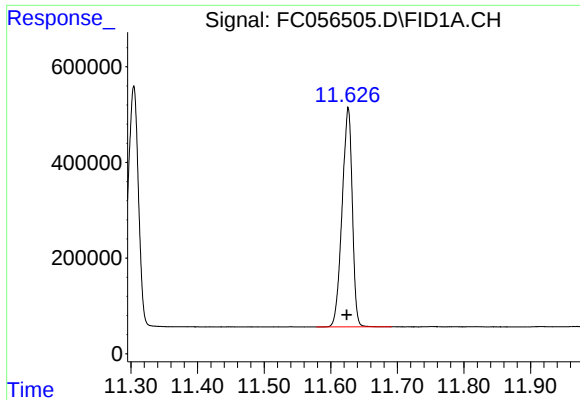
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 5678390
Conc: 49.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 5629649
Conc: 48.18 ug/ml



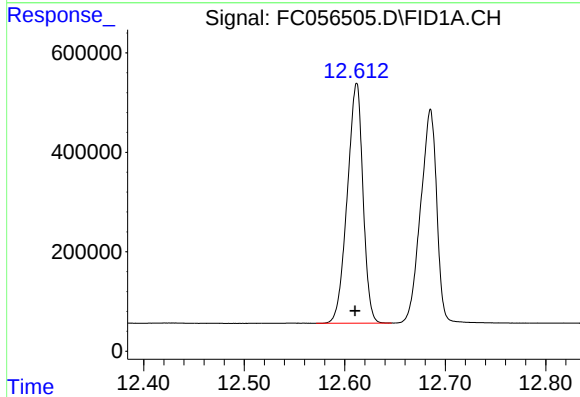
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 4873922
Conc: 39.36 ug/ml

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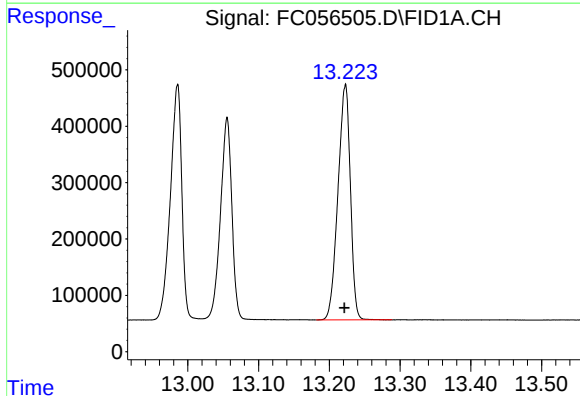
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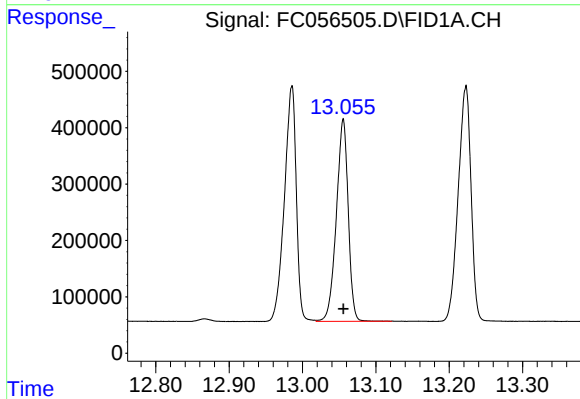
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.001 min
Response: 5240791
Conc: 45.60 ug/ml



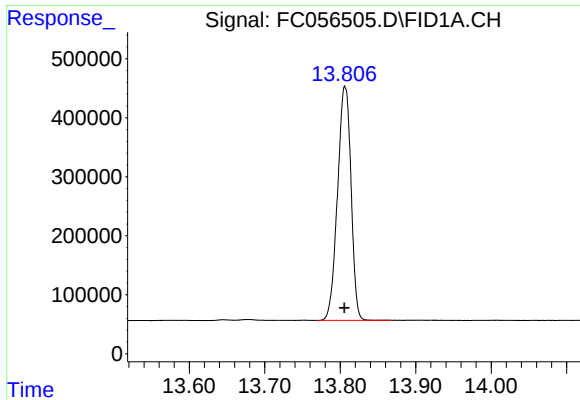
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.001 min
Response: 5085424
Conc: 44.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 4026728
Conc: 41.85 ug/ml



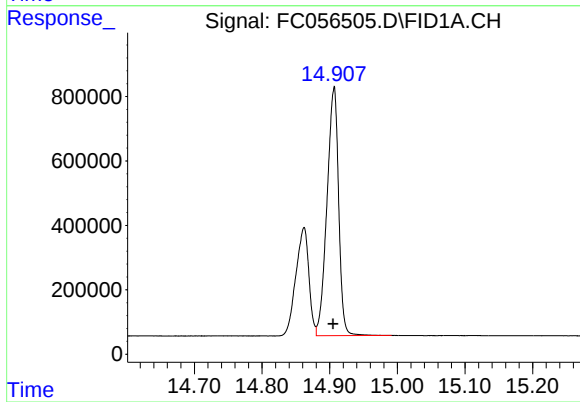
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 4930771
Conc: 43.80 ug/ml

Instrument :
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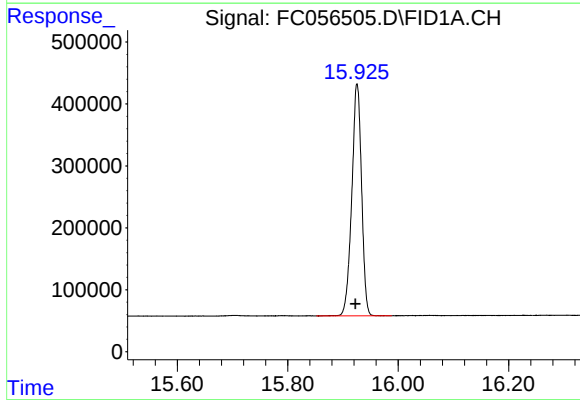
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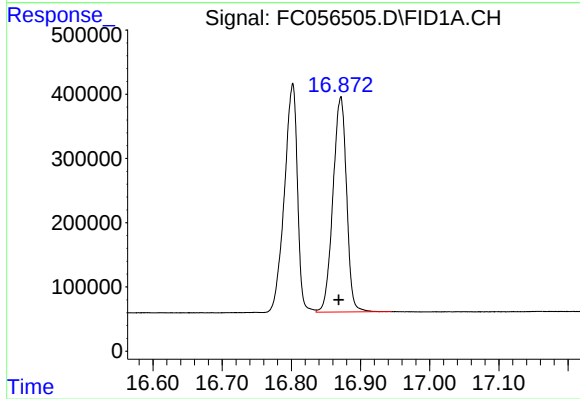
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: 0.000 min
Response: 9238176
Conc: 83.83 ug/ml



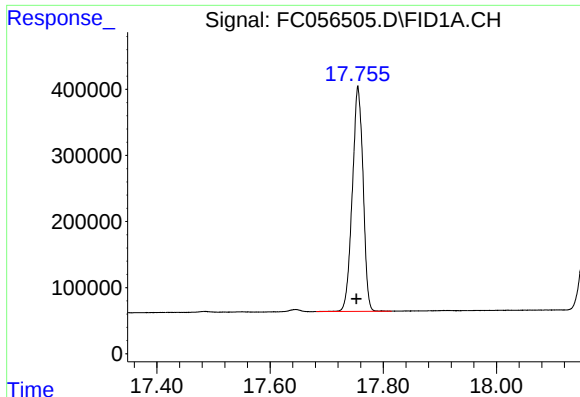
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: 0.003 min
Response: 4602512
Conc: 43.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: 0.002 min
Response: 4576229
Conc: 44.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: 0.003 min
Response: 4480213
Conc: 43.24 ug/ml

Instrument :

FID_C

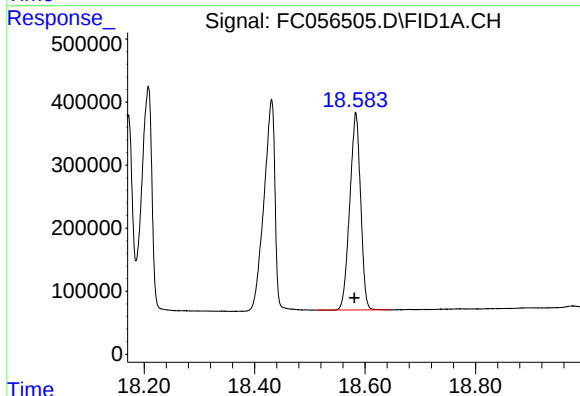
ClientSampleId :

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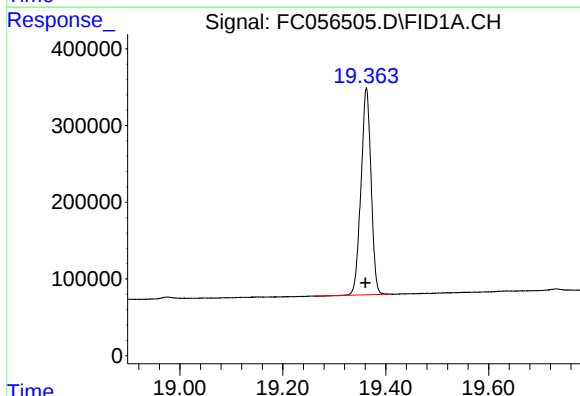
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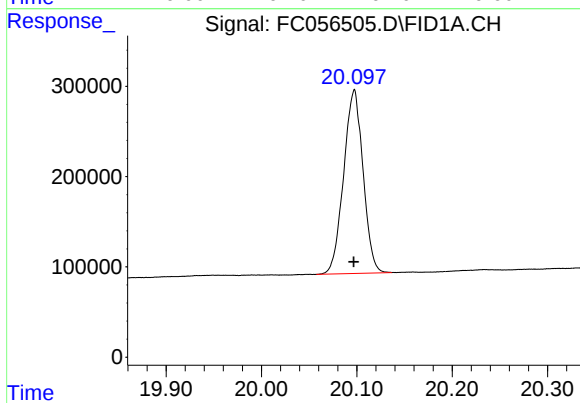
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: 0.002 min
Response: 4261611
Conc: 44.48 ug/ml



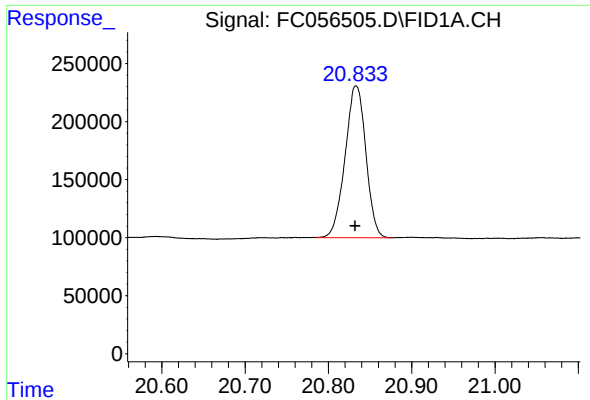
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: 0.002 min
Response: 3660143
Conc: 41.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 2884210
Conc: 35.24 ug/ml m



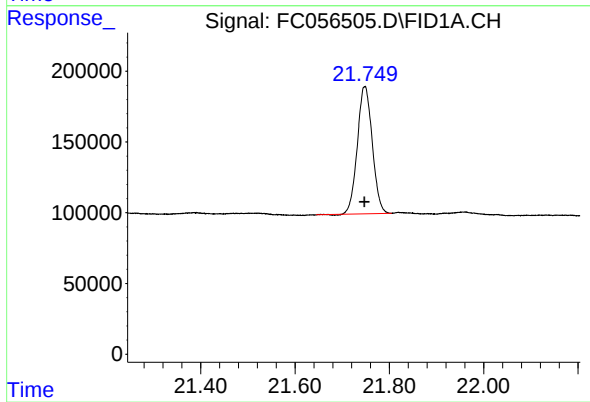
#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.000 min
Response: 2263528
Conc: 28.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.748 min
Delta R.T.: 0.001 min
Response: 1974977
Conc: 23.97 ug/ml