

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049257.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 17:25
 Operator : YP\AJ
 Sample : P3352-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SOIL-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/26/2024

Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E

Quant Time: Jul 26 01:41:12 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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			
9) S ortho-Terphenyl (SURR)	11.909	5711107	36.821 ug/ml
Spiked Amount 50.000		Recovery =	73.64%
12) S 1-chlorooctadecane (S...	13.344	4538028	38.841 ug/ml
Spiked Amount 50.000		Recovery =	77.68%
Target Compounds			
1) T n-Nonane (C9)	3.293	2194959	14.595 ug/ml
2) T n-Decane (C10)	4.545	2644494	17.122 ug/ml
3) T A~Naphthalene (C11.7)	6.251	4120820	26.449 ug/ml
4) T n-Dodecane (C12)	6.712	3738241	24.278 ug/ml
5) T A~2-methylnaphthalene...	7.348	4822261	33.136 ug/ml
6) T n-Tetradecane (C14)	8.542	5020877	33.081 ug/ml
7) T n-Hexadecane (C16)	10.148	5625348	37.093 ug/ml
8) T n-Octadecane (C18)	11.591	5945241	39.157 ug/ml
10) T n-Eicosane (C20)	12.900	6115765	42.292 ug/ml
11) T n-Heneicosane (C21)	13.511	5957024	42.008 ug/ml
13) T n-Docosane (C22)	14.096	5947503	42.333 ug/ml
14) T n-Tetracosane (C24)	15.192	10825975	77.245 ug/ml
15) T n-Hexacosane (C26)	16.220	5967575	42.558 ug/ml
16) T n-Octacosane (C28)	17.168	6113620	43.679 ug/ml
17) T n-Tricontane (C30)	18.058	6110820	41.892 ug/mlm
18) T n-Dotriacontane (C32)	18.886	6076377	41.325 ug/ml
19) T n-Tetratriacontane (C34)	19.670	6095308	41.729 ug/ml
20) T n-Hexatriacontane (C36)	20.407	5919955	41.066 ug/mlm
21) T n-Octatriacontane (C38)	21.141	5794585	38.710 ug/ml
22) T n-Tetracontane (C40)	22.044	5120664	33.933 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3352-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

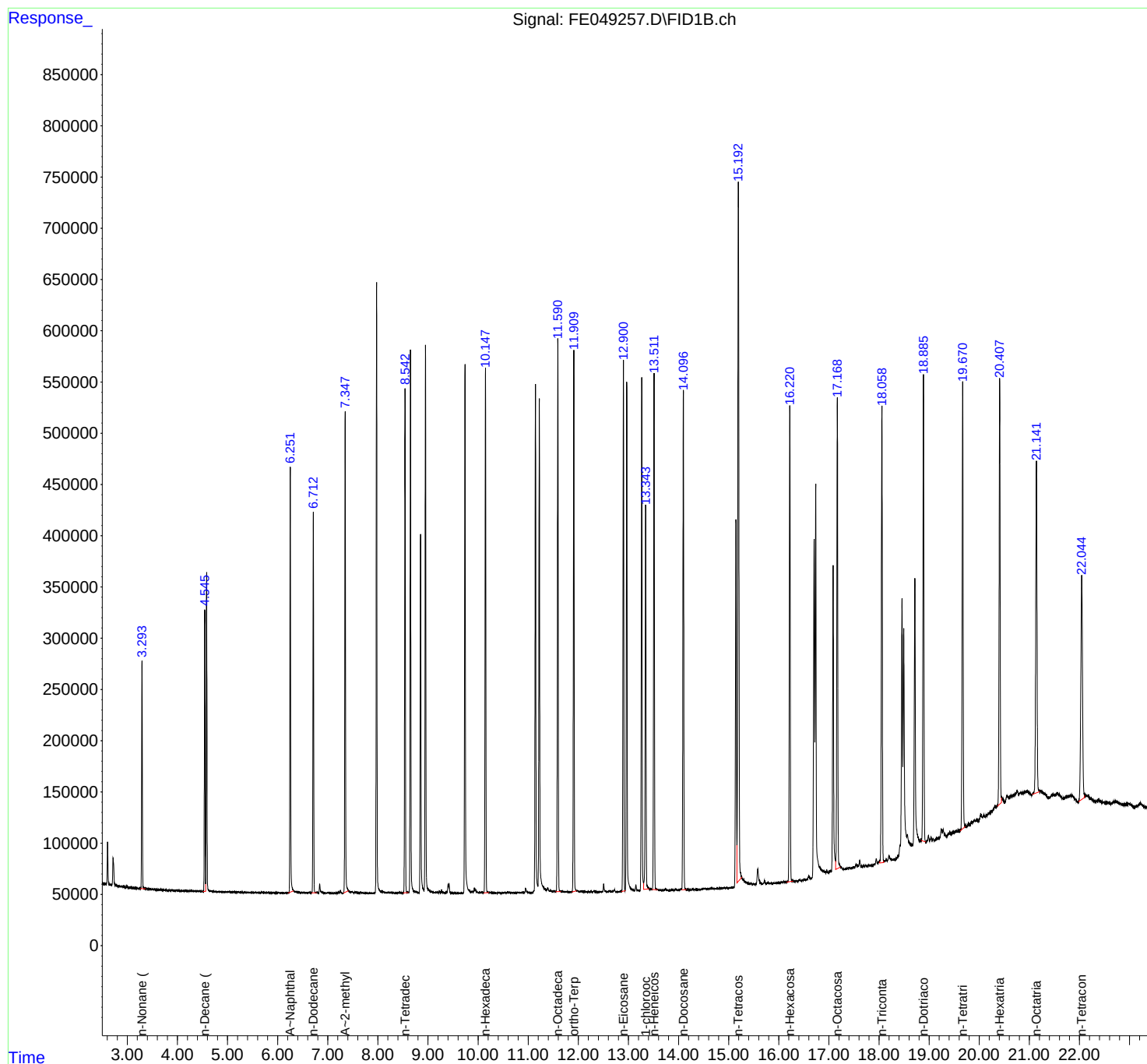
Instrument :
FID_E
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SOIL-COMPMSD

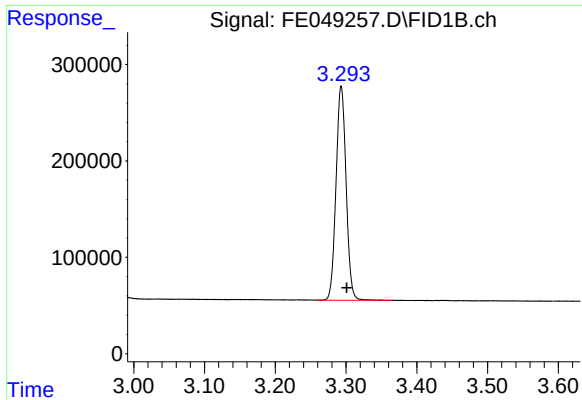
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Signal Info : 20M x 0.18mm x 0.18um





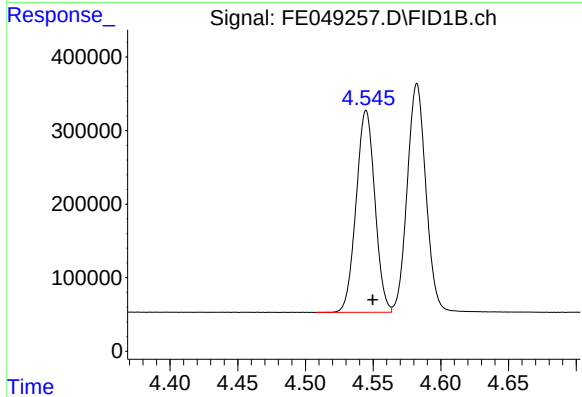
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 2194959
Conc: 14.60 ug/ml

Instrument :
FID_E
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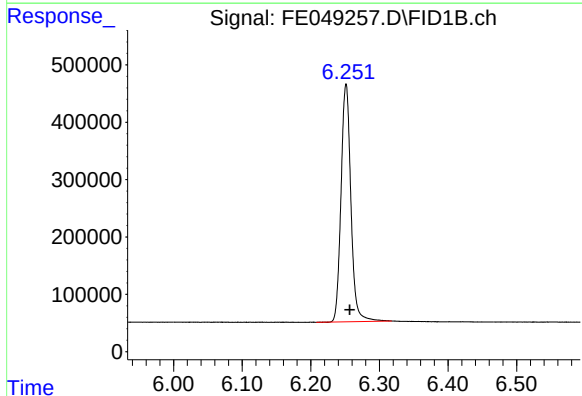
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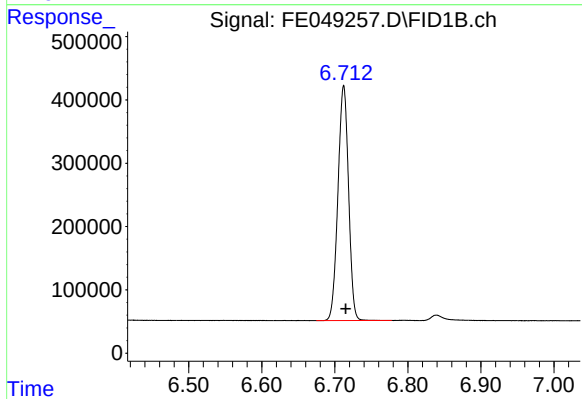
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 2644494
Conc: 17.12 ug/ml



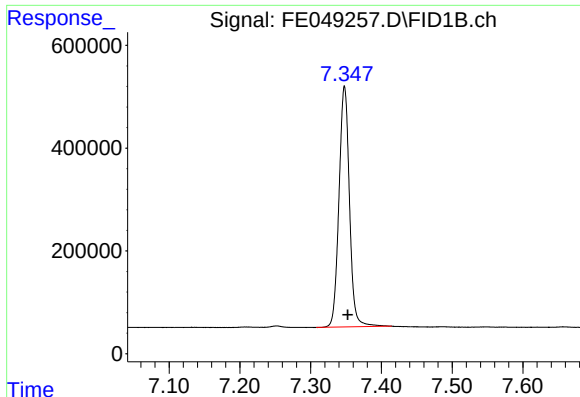
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.005 min
Response: 4120820
Conc: 26.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 3738241
Conc: 24.28 ug/ml



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

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 4822261
Conc: 33.14 ug/ml

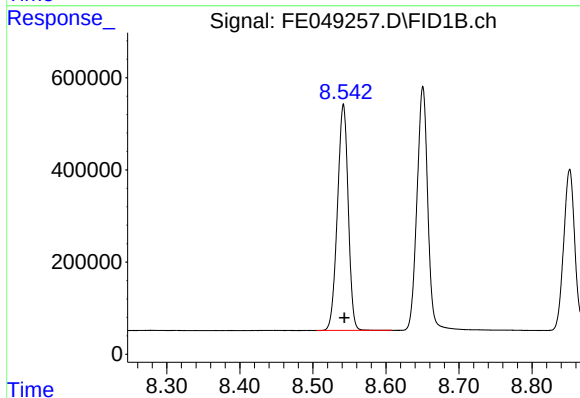
Instrument :

FID_E

ClientSampleId :
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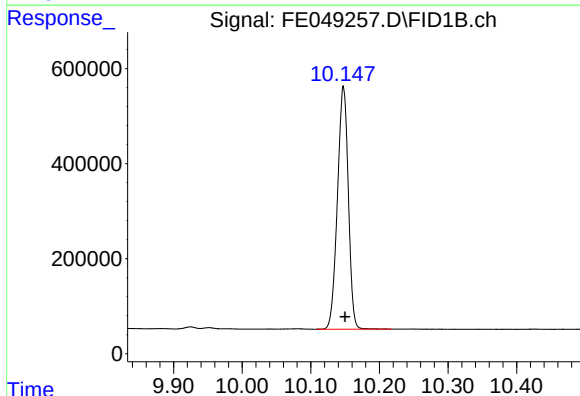
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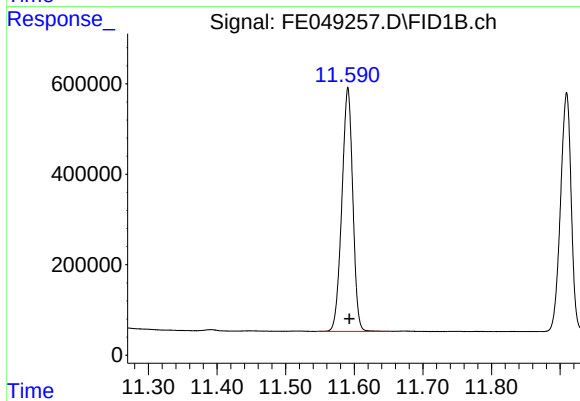
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.001 min
Response: 5020877
Conc: 33.08 ug/ml



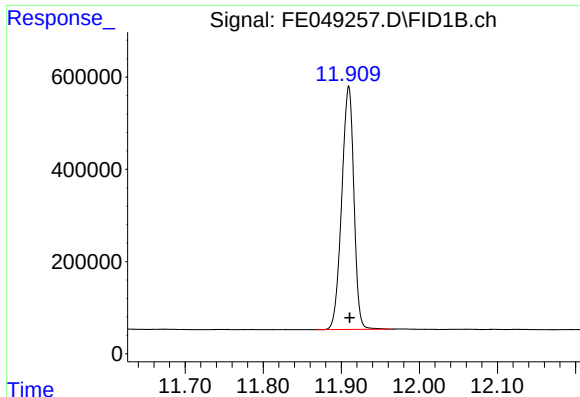
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.002 min
Response: 5625348
Conc: 37.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 5945241
Conc: 39.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.002 min
Response: 5711107
Conc: 36.82 ug/ml

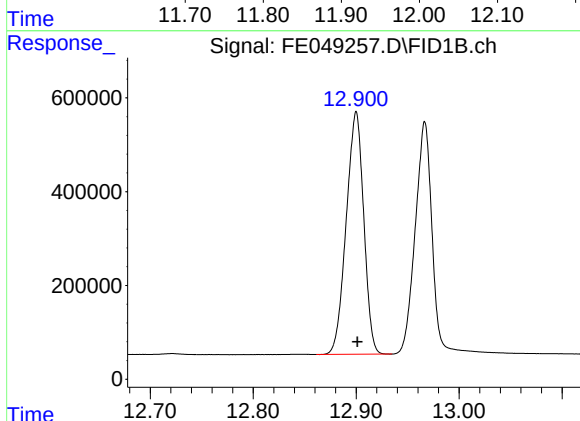
Instrument :

FID_E

ClientSampleId :
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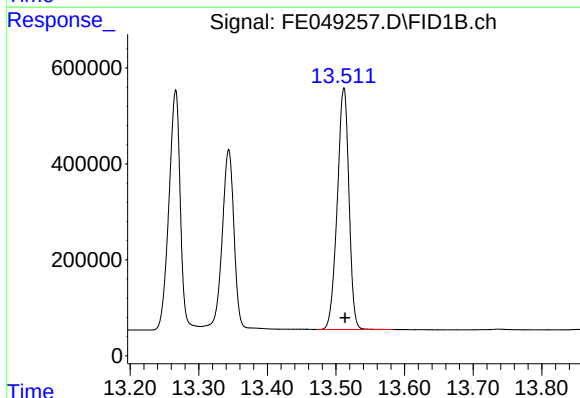
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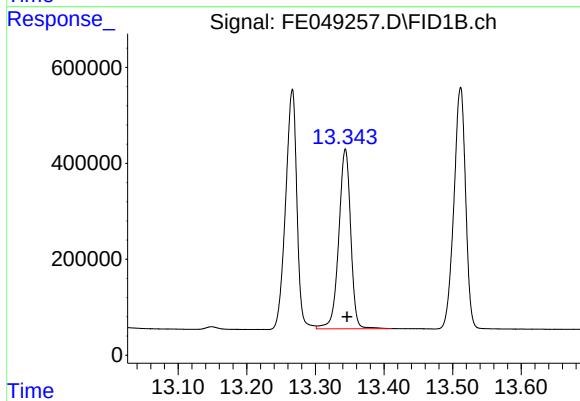
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.001 min
Response: 6115765
Conc: 42.29 ug/ml



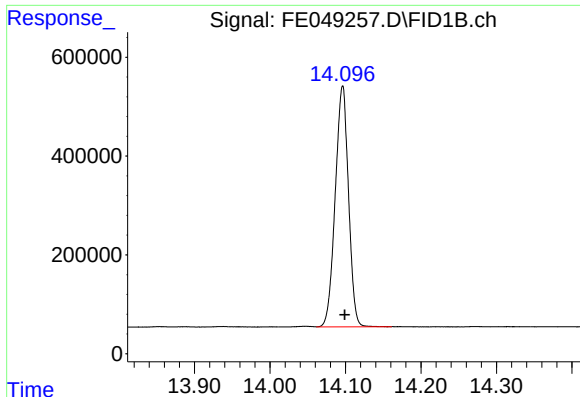
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 5957024
Conc: 42.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 4538028
Conc: 38.84 ug/ml



#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.003 min
Response: 5947503
Conc: 42.33 ug/ml

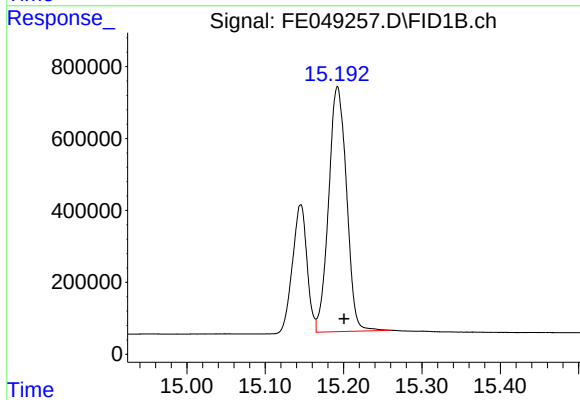
Instrument :

FID_E

ClientSampleId :
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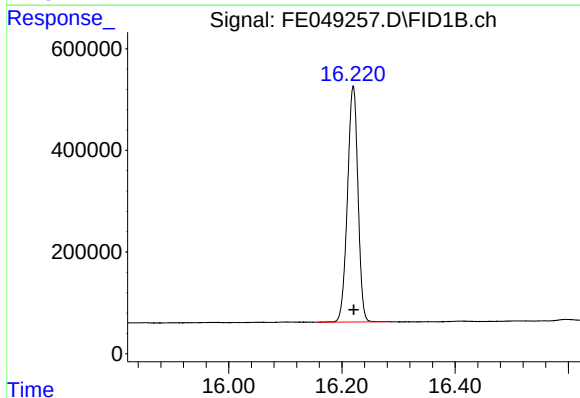
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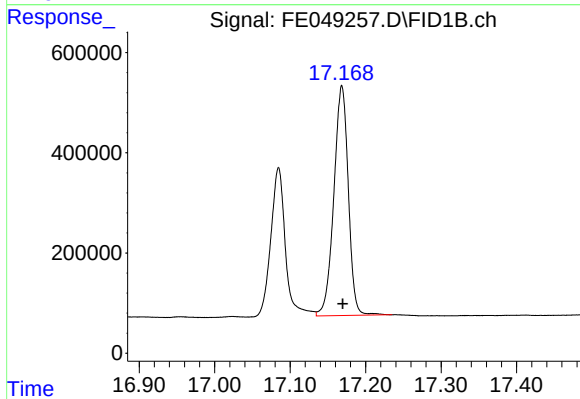
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.008 min
Response: 10825975
Conc: 77.24 ug/ml



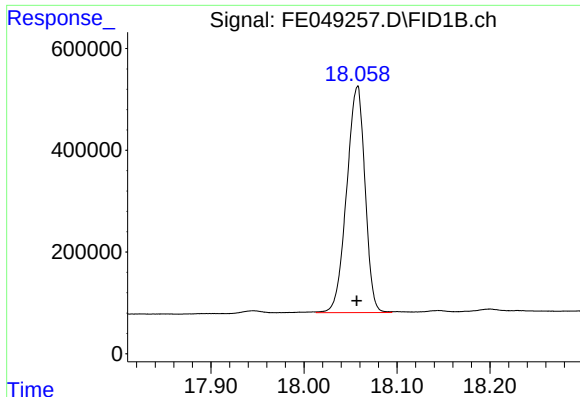
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.001 min
Response: 5967575
Conc: 42.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.001 min
Response: 6113620
Conc: 43.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: 0.001 min
Response: 6110820
Conc: 41.89 ug/ml

Instrument :

FID_E

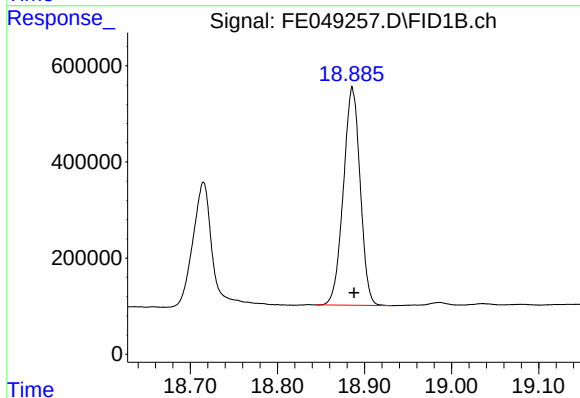
ClientSampleId :

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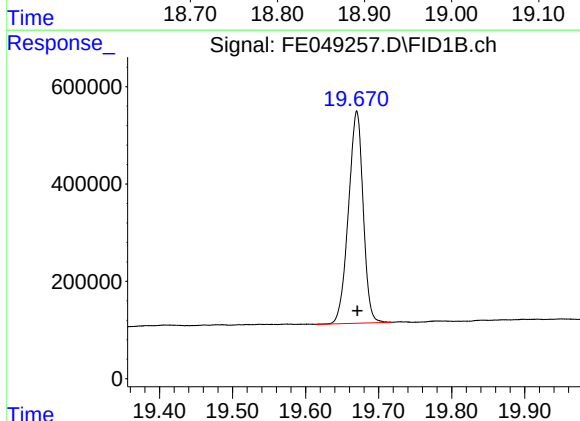
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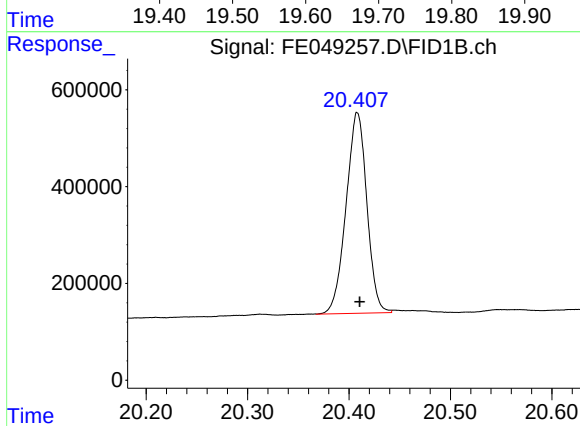
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 6076377
Conc: 41.33 ug/ml



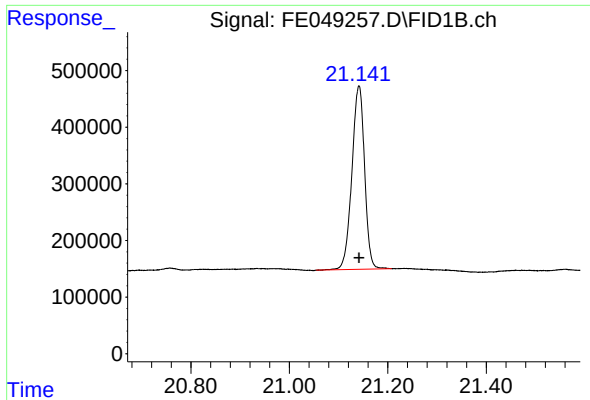
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: 0.000 min
Response: 6095308
Conc: 41.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 5919955
Conc: 41.07 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 5794585
Conc: 38.71 ug/ml

Instrument :

FID_E

ClientSampleId :

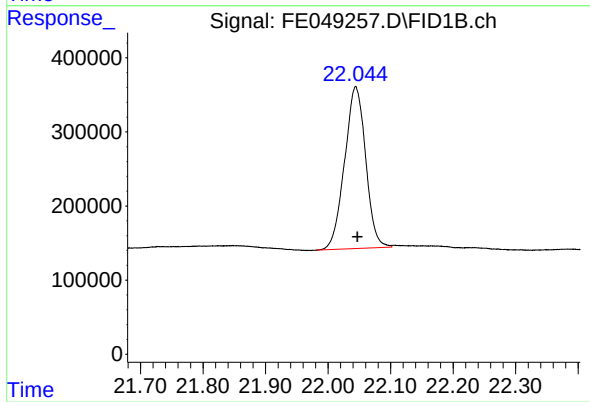
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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 5120664
Conc: 33.93 ug/ml m