

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048749.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 22:49
 Operator : YP\AJ
 Sample : P2883-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

Soil/Gravel-SPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/18/2024

Supervised By :Ankita Jodhani 06/18/2024

Integration File: autoint1.e

Quant Time: Jun 18 01:20:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 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)	11.937	5420278	37.747 ug/ml
Spiked Amount 50.000		Recovery =	75.49%
12) S 1-chlorooctadecane (S...	13.372	4688263	43.035 ug/ml
Spiked Amount 50.000		Recovery =	86.07%
Target Compounds			
1) T n-Nonane (C9)	3.328	3901438	26.096 ug/ml
2) T n-Decane (C10)	4.577	4385262	29.041 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4793886	32.196 ug/ml
4) T n-Dodecane (C12)	6.740	4418175	29.847 ug/ml
5) T A~2-methylnaphthalene...	7.377	4825505	34.803 ug/ml
6) T n-Tetradecane (C14)	8.569	4662934	32.876 ug/ml
7) T n-Hexadecane (C16)	10.175	4963478	35.207 ug/ml
8) T n-Octadecane (C18)	11.619	5122275	36.881 ug/ml
10) T n-Eicosane (C20)	12.927	5155386	38.957 ug/ml
11) T n-Heneicosane (C21)	13.539	4969877	38.369 ug/ml
13) T n-Docosane (C22)	14.125	4974548	38.603 ug/ml
14) T n-Tetracosane (C24)	15.223	9238411	71.312 ug/ml
15) T n-Hexacosane (C26)	16.246	4977991	38.409 ug/ml
16) T n-Octacosane (C28)	17.194	4991690	38.619 ug/ml
17) T n-Tricontane (C30)	18.081	5124664	38.255 ug/ml
18) T n-Dotriacontane (C32)	18.913	5295966	39.015 ug/ml
19) T n-Tetratriacontane (C34)	19.694	5264321	38.482 ug/ml
20) T n-Hexatriacontane (C36)	20.435	5317892	39.121 ug/mlm
21) T n-Octatriacontane (C38)	21.171	5559172	40.765 ug/ml
22) T n-Tetracontane (C40)	22.085	5656840	41.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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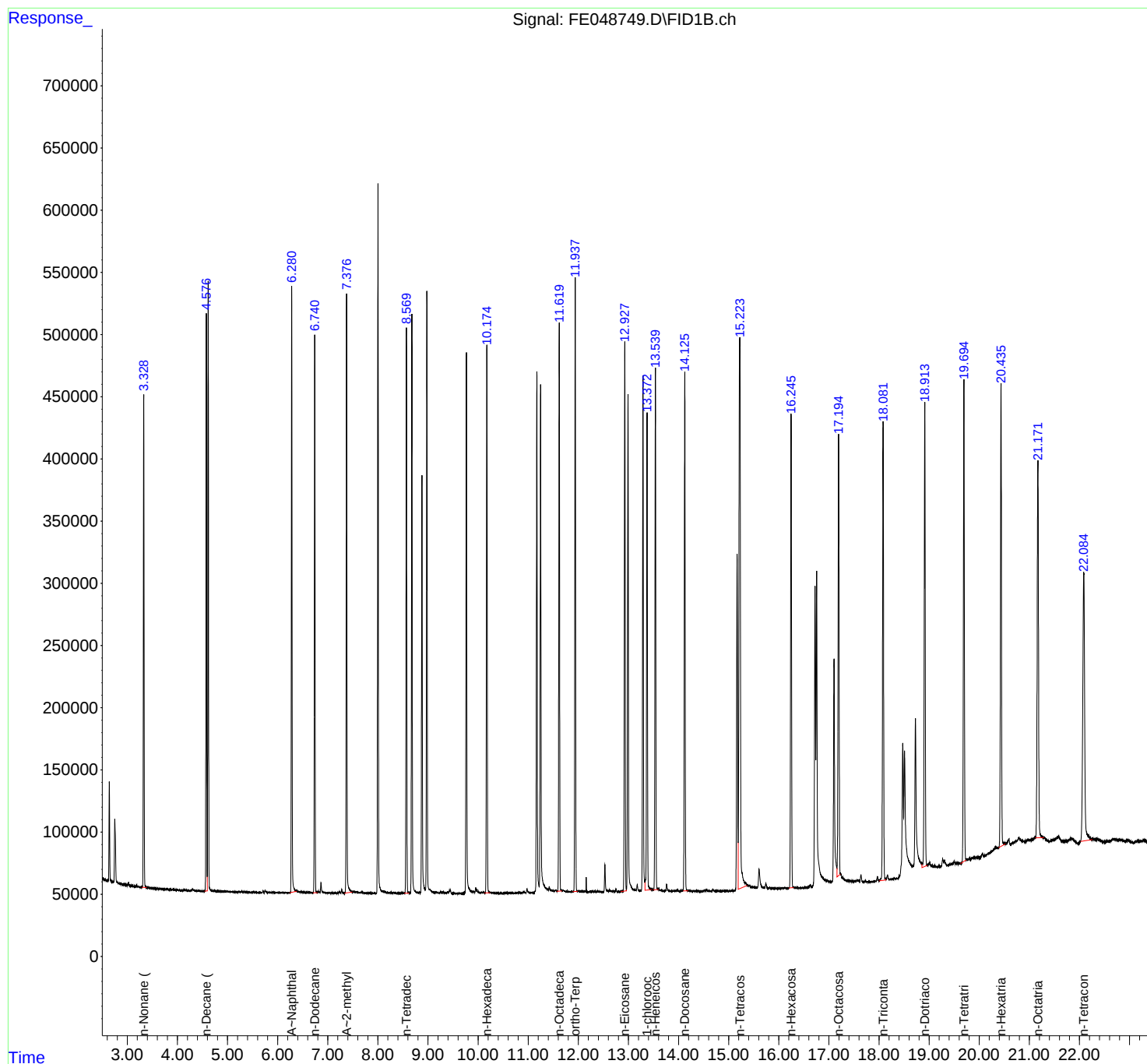
Instrument :
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Soil/Gravel-SPMSD

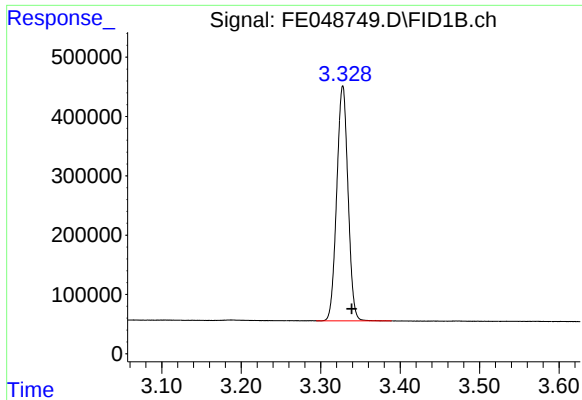
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 3901438
Conc: 26.10 ug/ml

Instrument :

FID_E

ClientSampleId :

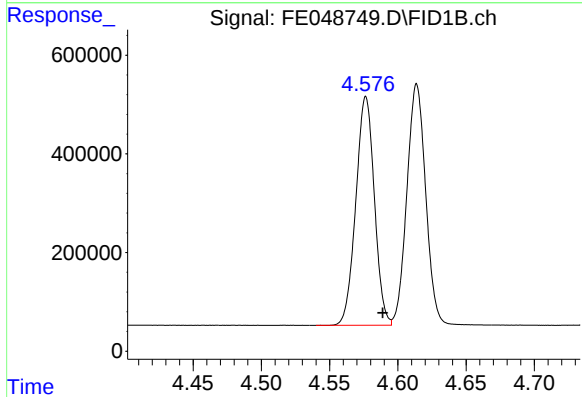
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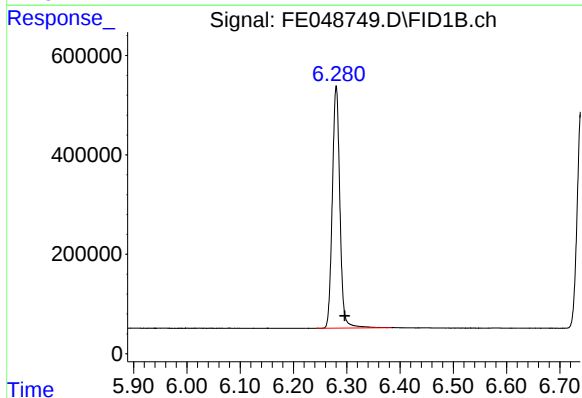
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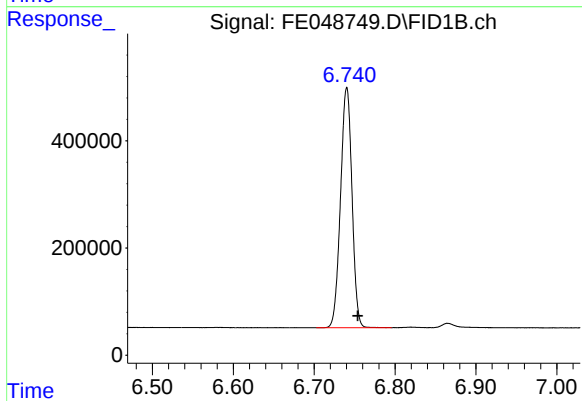
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.012 min
Response: 4385262
Conc: 29.04 ug/ml



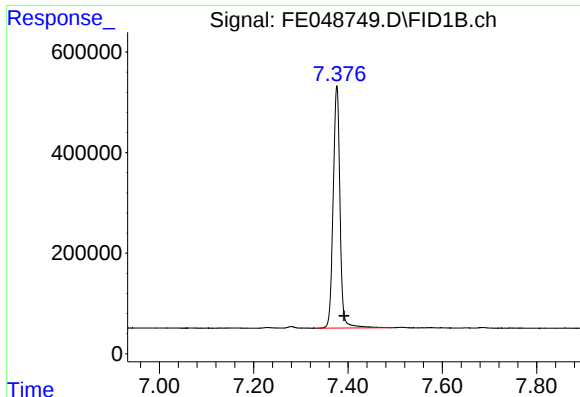
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.016 min
Response: 4793886
Conc: 32.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 4418175
Conc: 29.85 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.015 min
Response: 4825505
Conc: 34.80 ug/ml

Instrument :

FID_E

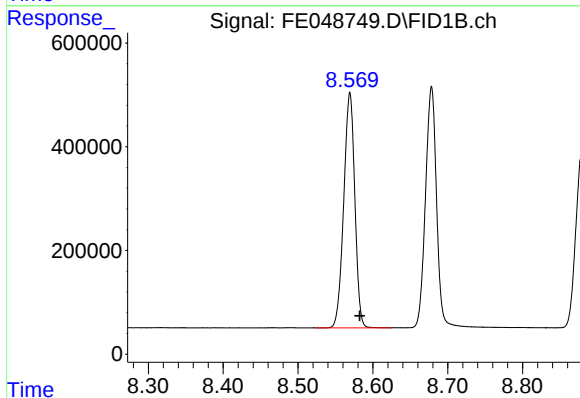
ClientSampleId :

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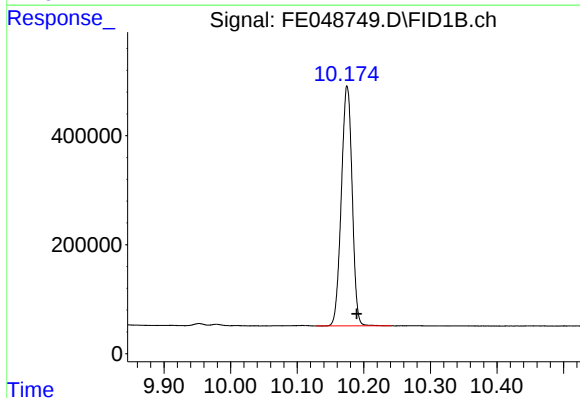
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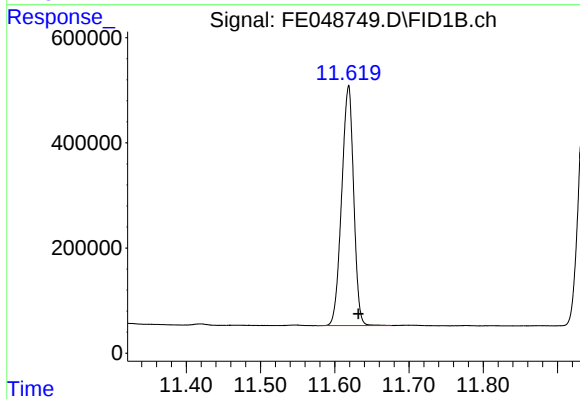
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 4662934
Conc: 32.88 ug/ml



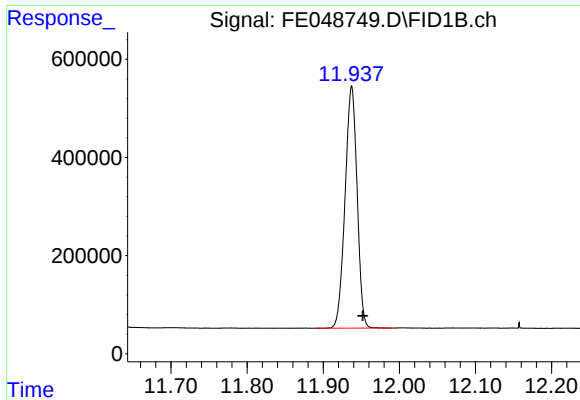
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.014 min
Response: 4963478
Conc: 35.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 5122275
Conc: 36.88 ug/ml



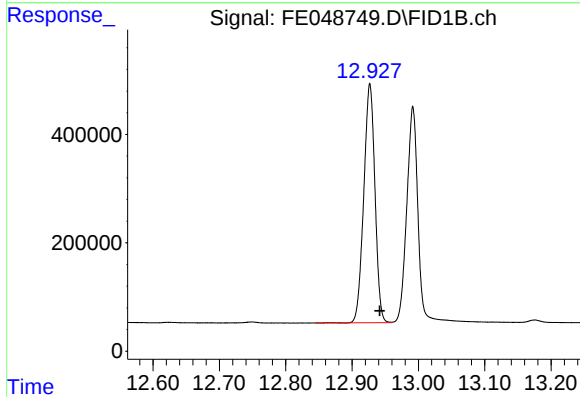
#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.015 min
Response: 5420278
Conc: 37.75 ug/ml

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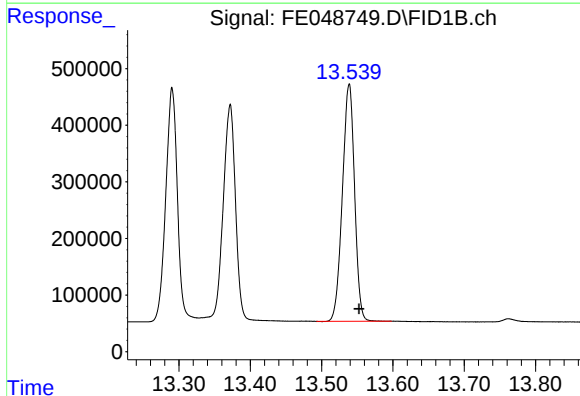
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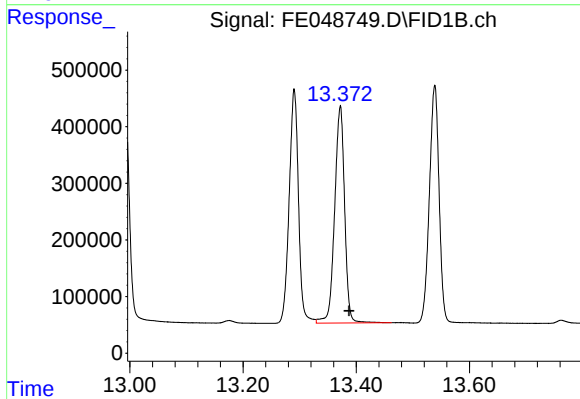
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 5155386
Conc: 38.96 ug/ml



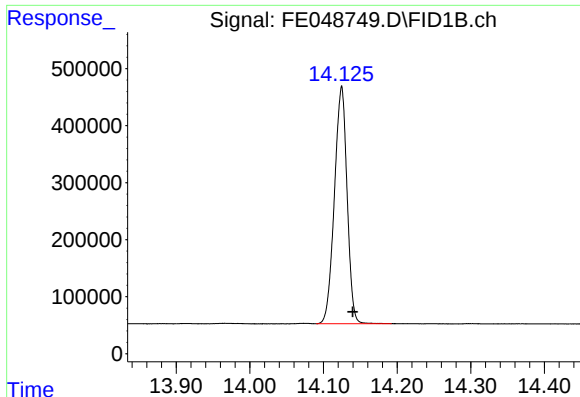
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.014 min
Response: 4969877
Conc: 38.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 4688263
Conc: 43.03 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.015 min
Response: 4974548
Conc: 38.60 ug/ml

Instrument :

FID_E

ClientSampleId :

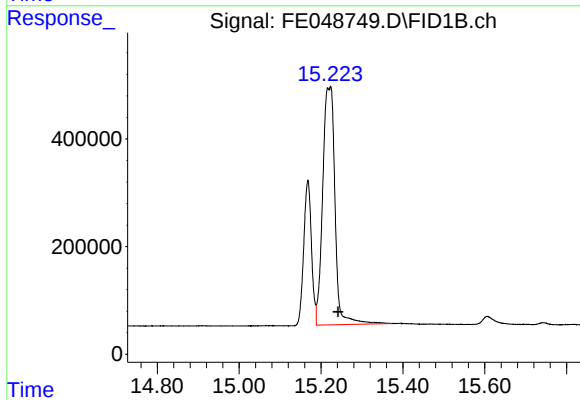
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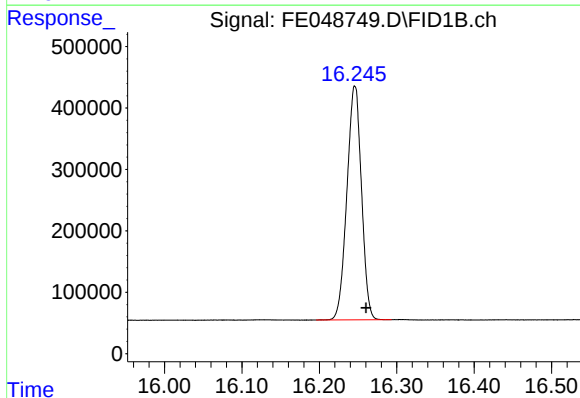
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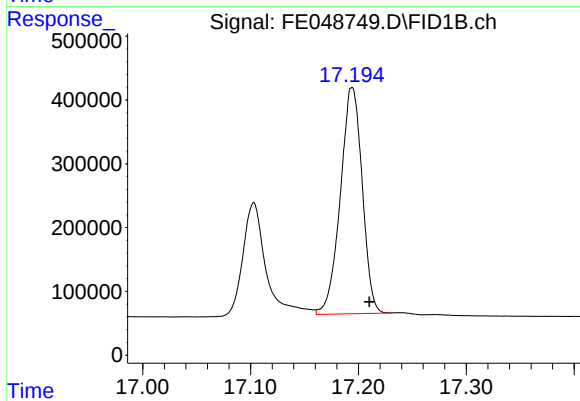
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.018 min
Response: 9238411
Conc: 71.31 ug/ml



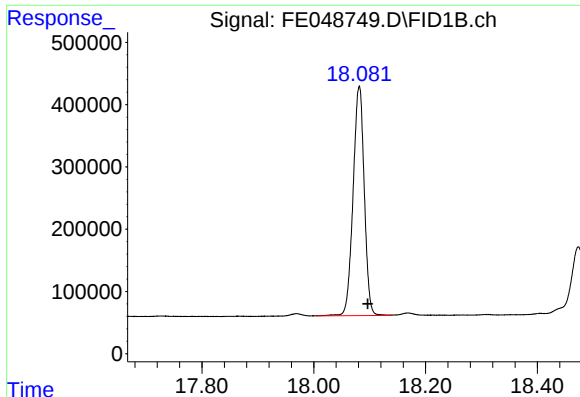
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.015 min
Response: 4977991
Conc: 38.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.016 min
Response: 4991690
Conc: 38.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: -0.015 min
Response: 5124664
Conc: 38.25 ug/ml

Instrument :

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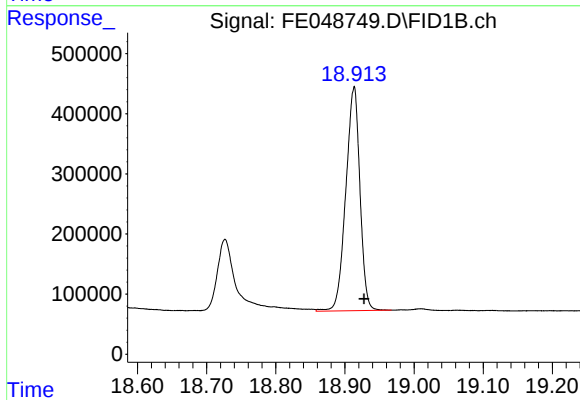
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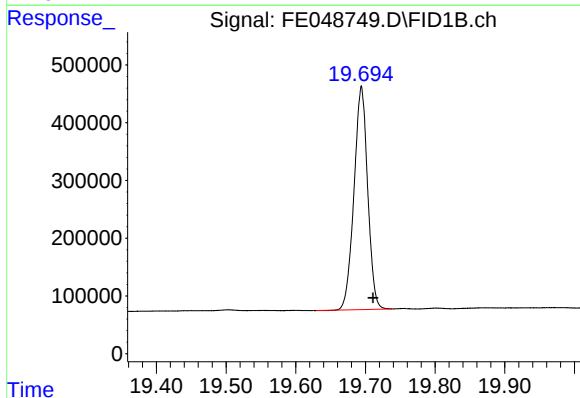
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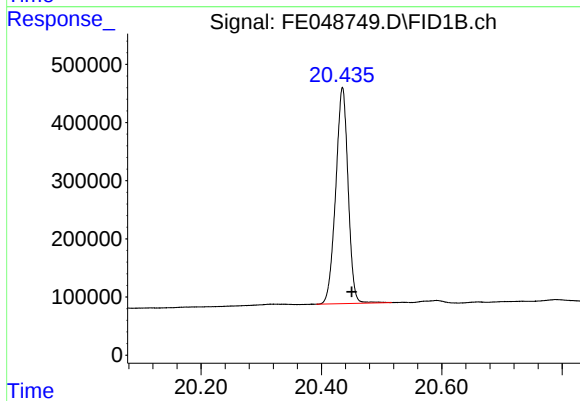
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.014 min
Response: 5295966
Conc: 39.02 ug/ml



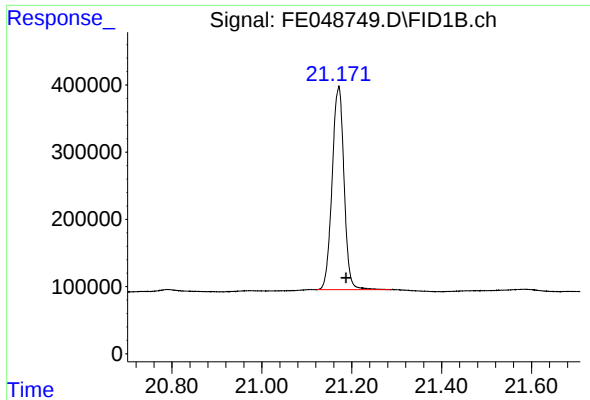
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.017 min
Response: 5264321
Conc: 38.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.016 min
Response: 5317892
Conc: 39.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.016 min
Response: 5559172
Conc: 40.76 ug/ml

Instrument :

FID_E

ClientSampleId :

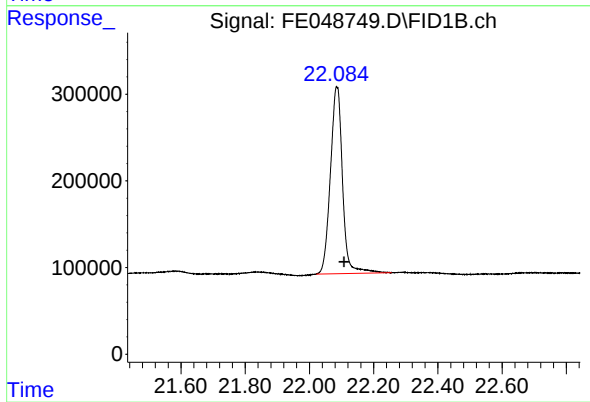
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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: -0.023 min
Response: 5656840
Conc: 41.31 ug/ml