

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
 Data File : FE047385.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 17:40
 Operator : YP\AJ
 Sample : P1900-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SS-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :Ankita Jodhani 03/29/2024

Integration File: sample.E

Quant Time: Mar 29 01:24:02 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M

Quant Title : GC Extractables

QLast Update : Sat Mar 23 01:31:33 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)	11.983	4962313	31.687 ug/ml
Spiked Amount 50.000		Recovery =	63.37%
12) S 1-chlorooctadecane (S...	13.416	4159385	34.296 ug/ml
Spiked Amount 50.000		Recovery =	68.59%
Target Compounds			
1) T n-Nonane (C9)	3.366	3921790	26.855 ug/ml
2) T n-Decane (C10)	4.618	4395667	29.488 ug/ml
3) T A~Naphthalene (C11.7)	6.324	4756461	30.659 ug/ml
4) T n-Dodecane (C12)	6.784	4775342	31.931 ug/ml
5) T A~2-methylnaphthalene...	7.420	4840527	32.345 ug/ml
6) T n-Tetradecane (C14)	8.612	5102503	34.595 ug/ml
7) T n-Hexadecane (C16)	10.219	5449048	36.001 ug/ml
8) T n-Octadecane (C18)	11.662	5701491	37.527 ug/ml
10) T n-Eicosane (C20)	12.972	5751871	39.533 ug/ml
11) T n-Heneicosane (C21)	13.584	5586319	39.086 ug/ml
13) T n-Docosane (C22)	14.169	5555328	39.135 ug/ml
14) T n-Tetracosane (C24)	15.269	9056599	64.243 ug/ml
15) T n-Hexacosane (C26)	16.291	5449653	39.190 ug/mlm
16) T n-Octacosane (C28)	17.237	5596639	40.959 ug/ml
17) T n-Tricontane (C30)	18.124	5568629	40.107 ug/mlm
18) T n-Dotriacontane (C32)	18.955	5552424	40.253 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	5671308	41.381 ug/ml
20) T n-Hexatriacontane (C36)	20.475	5650912	41.378 ug/mlm
21) T n-Octatriacontane (C38)	21.220	5979701	43.138 ug/ml
22) T n-Tetracontane (C40)	22.150	6036258	42.135 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1900-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

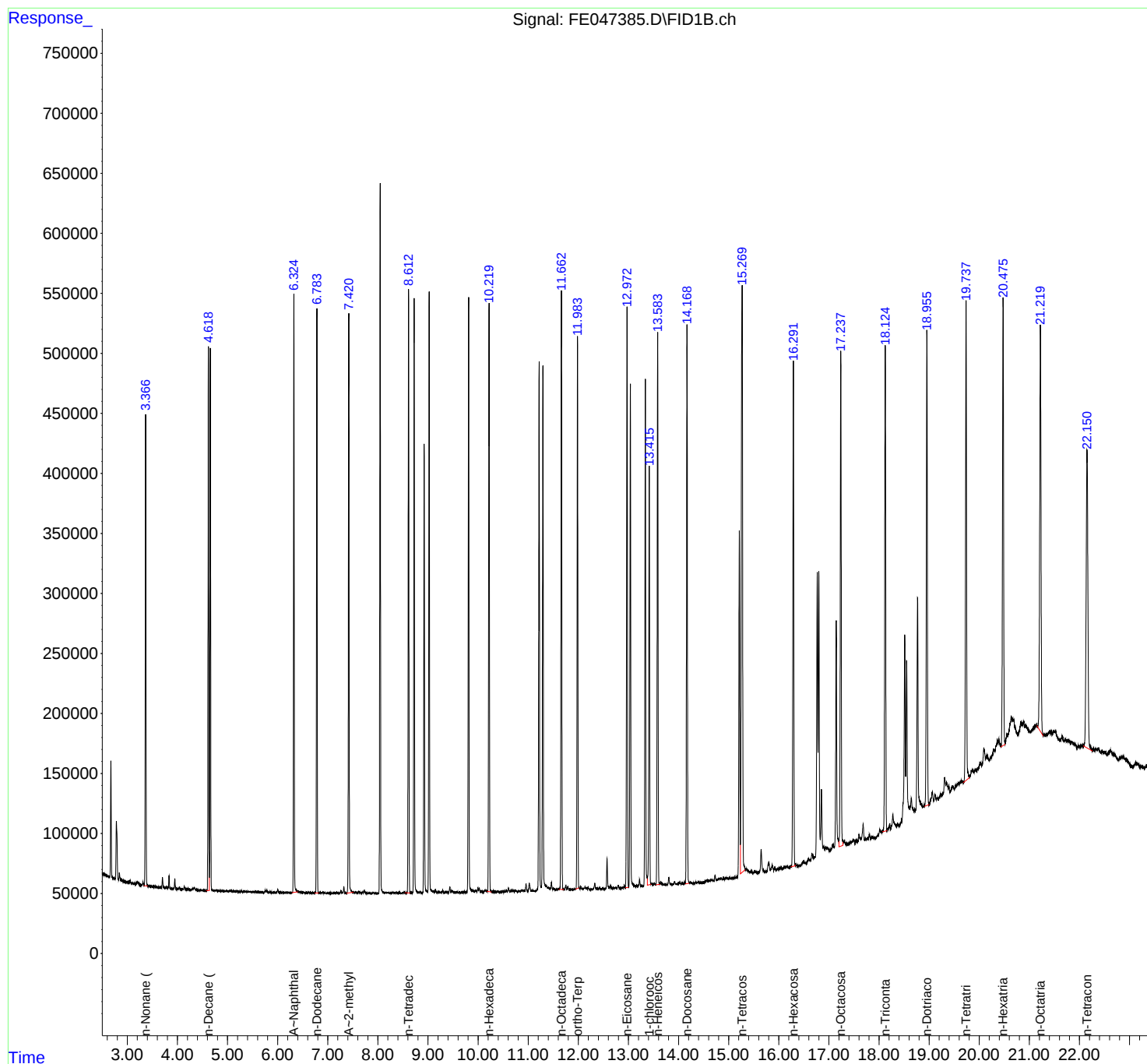
Instrument :
FID_E
ClientSampleId :
SS-1MSD

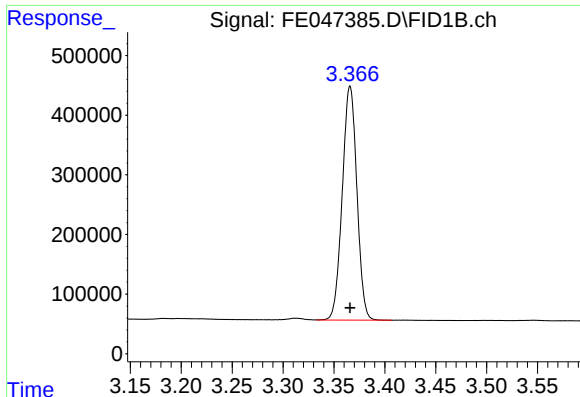
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Integration File: sample.E
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
Quant Title : GC Extractables
QLast Update : Sat Mar 23 01:31:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 3921790
Conc: 26.86 ug/ml

Instrument :

FID_E

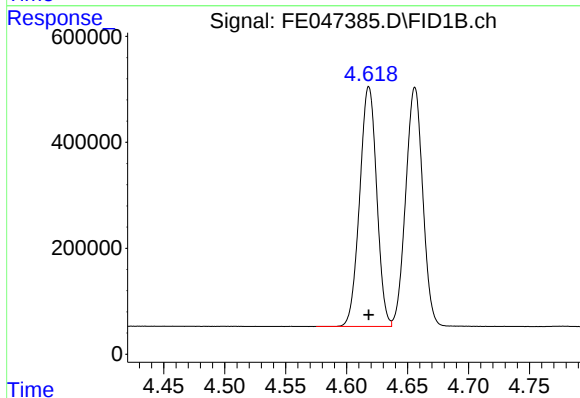
ClientSampleId :

SS-1MSD

Manual Integrations

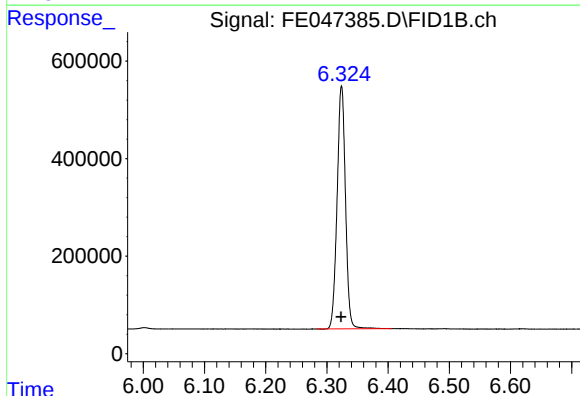
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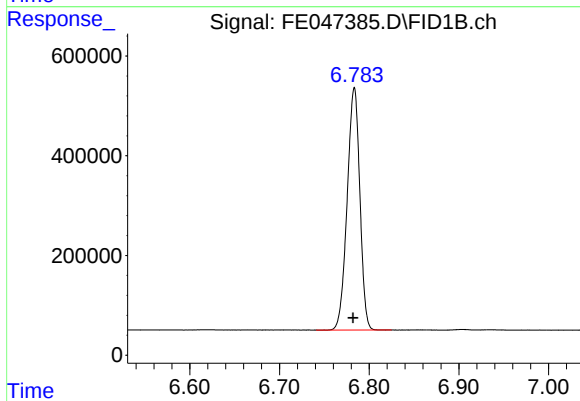
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 4395667
Conc: 29.49 ug/ml



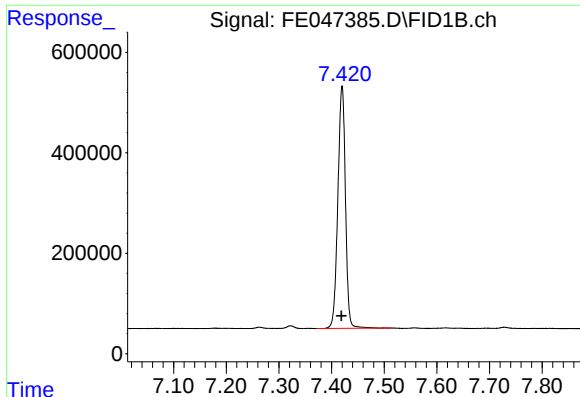
#3 A~Naphthalene (C11.7)

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 4756461
Conc: 30.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 4775342
Conc: 31.93 ug/ml



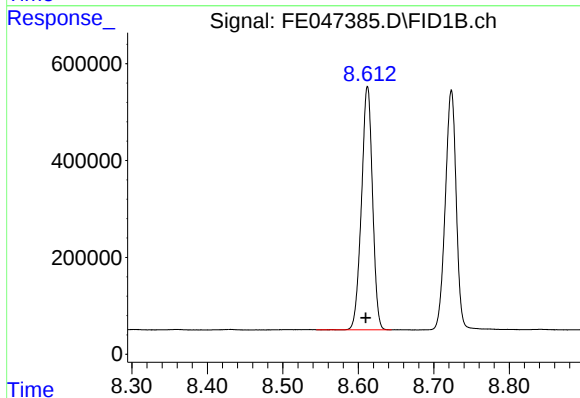
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 4840527
Conc: 32.35 ug/ml

Instrument :
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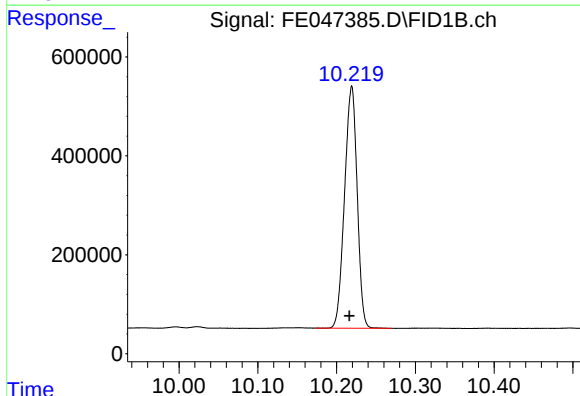
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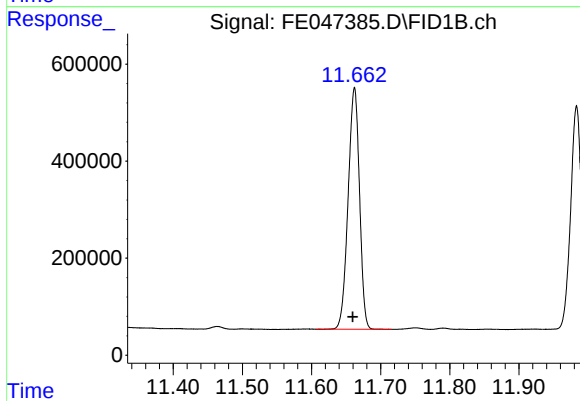
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 5102503
Conc: 34.59 ug/ml



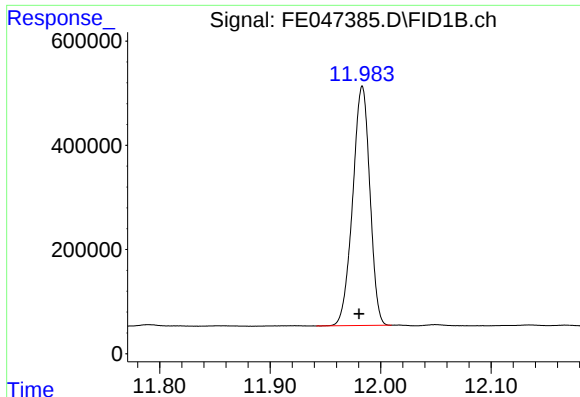
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.003 min
Response: 5449048
Conc: 36.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.003 min
Response: 5701491
Conc: 37.53 ug/ml



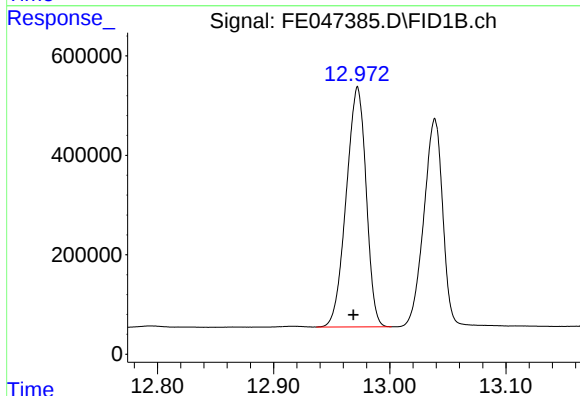
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.003 min
Response: 4962313
Conc: 31.69 ug/ml

Instrument :
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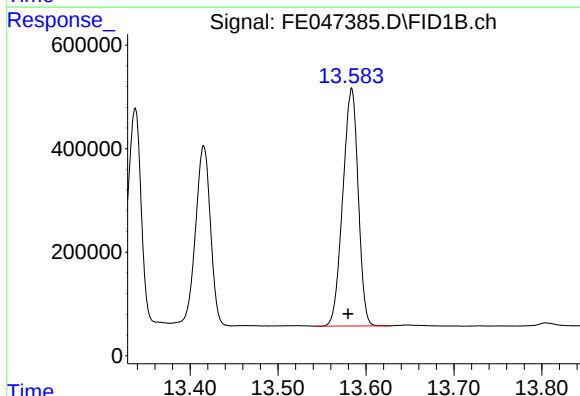
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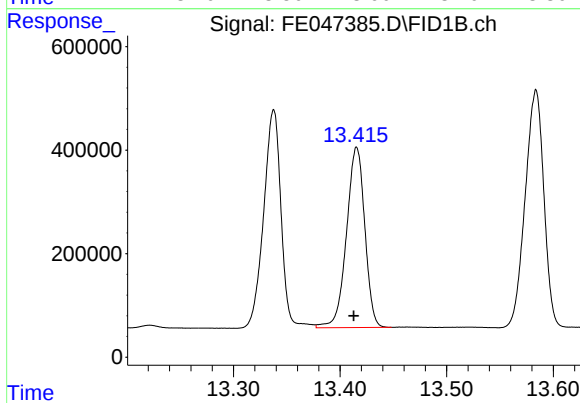
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.003 min
Response: 5751871
Conc: 39.53 ug/ml



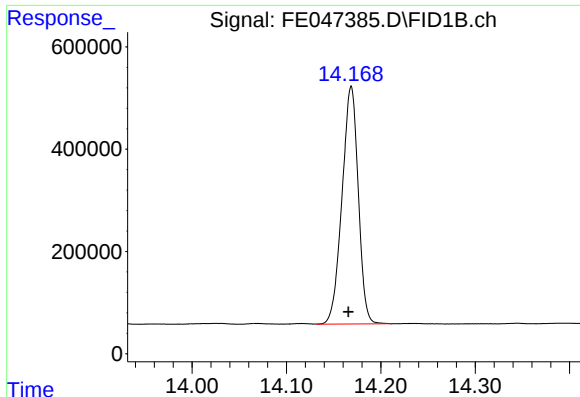
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.004 min
Response: 5586319
Conc: 39.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.003 min
Response: 4159385
Conc: 34.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.003 min
Response: 5555328
Conc: 39.13 ug/ml

Instrument :

FID_E

ClientSampleId :

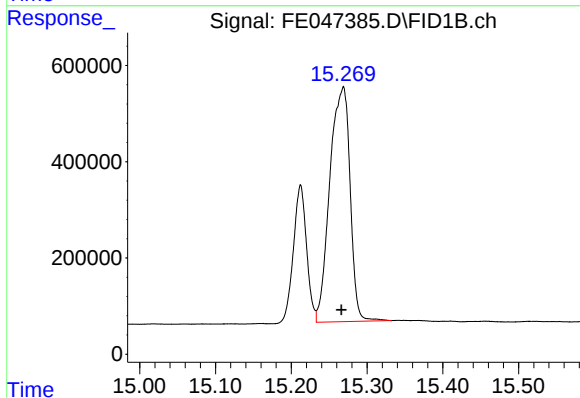
SS-1MSD

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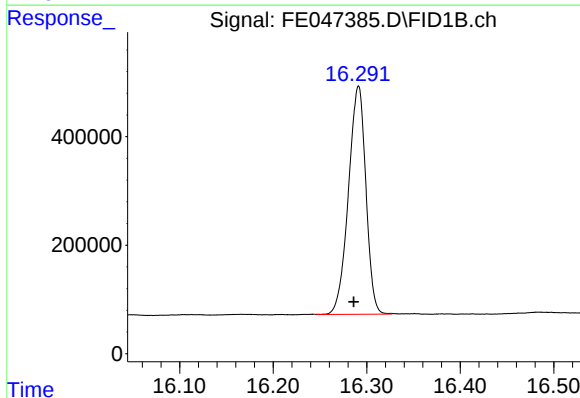
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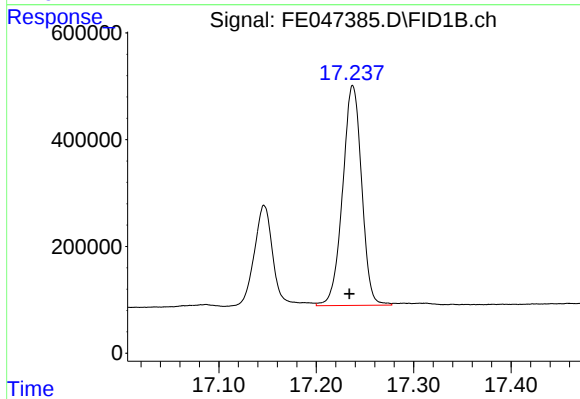
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.003 min
Response: 9056599
Conc: 64.24 ug/ml



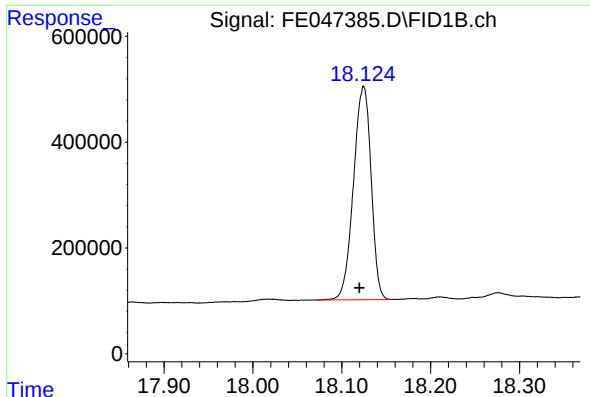
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.005 min
Response: 5449653
Conc: 39.19 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.004 min
Response: 5596639
Conc: 40.96 ug/ml



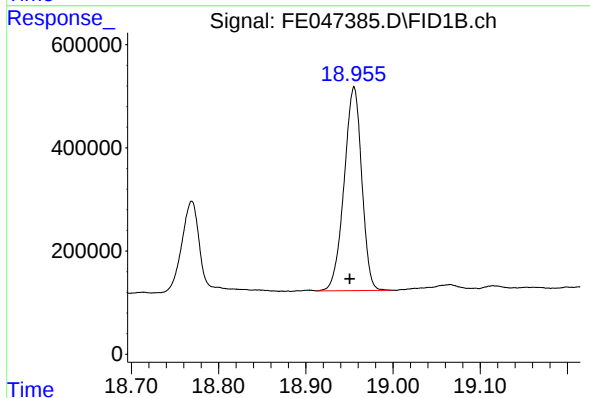
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.004 min
Response: 5568629
Conc: 40.11 ug/ml

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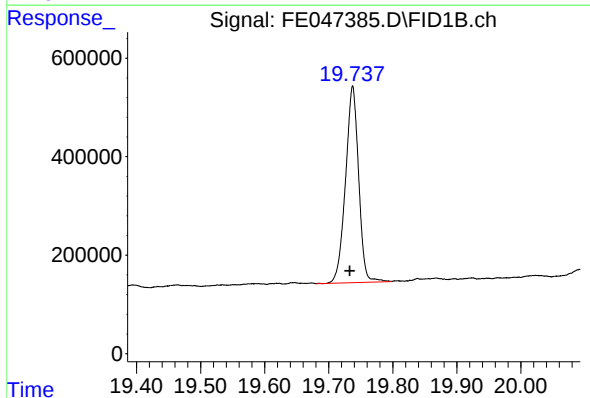
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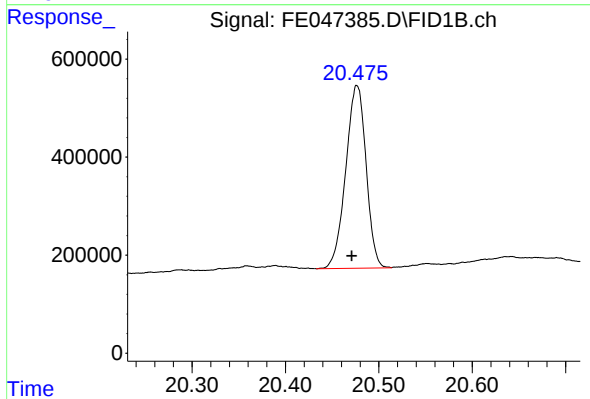
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.005 min
Response: 5552424
Conc: 40.25 ug/ml m



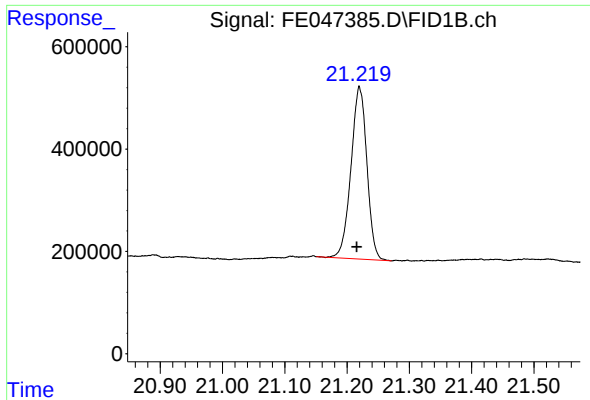
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.004 min
Response: 5671308
Conc: 41.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.004 min
Response: 5650912
Conc: 41.38 ug/ml m



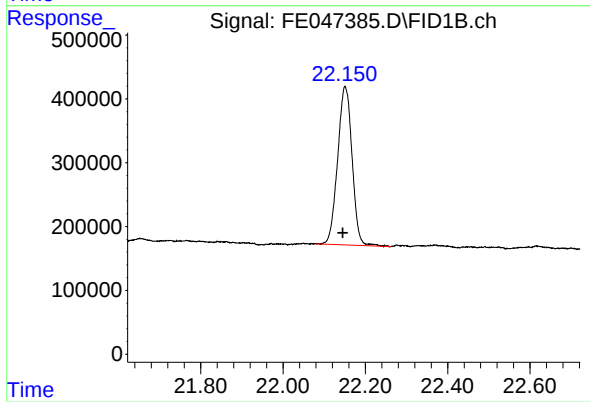
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.004 min
Response: 5979701
Conc: 43.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: 0.005 min
Response: 6036258
Conc: 42.13 ug/ml