

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049524.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 18:37
 Operator : YP\AJ
 Sample : P3509-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-080724MSD

Integration File: sample.E
 Quant Time: Aug 09 01:21:24 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)	11.893	6090207	39.265 ug/ml
Spiked Amount 50.000		Recovery =	78.53%
12) S 1-chlorooctadecane (S...	13.327	5185344	44.381 ug/ml
Spiked Amount 50.000		Recovery =	88.76%
Target Compounds			
1) T n-Nonane (C9)	3.288	6880851	45.754 ug/ml
2) T n-Decane (C10)	4.536	7795197	50.470 ug/ml
3) T A~Naphthalene (C11.7)	6.239	9119157	58.530 ug/ml
4) T n-Dodecane (C12)	6.700	8221748	53.395 ug/ml
5) T A~2-methylnaphthalene...	7.335	9456736	64.982 ug/ml
6) T n-Tetradecane (C14)	8.529	9318661	61.398 ug/ml
7) T n-Hexadecane (C16)	10.134	9956759	65.654 ug/ml
8) T n-Octadecane (C18)	11.577	9995778	65.835 ug/ml
10) T n-Eicosane (C20)	12.887	9911898	68.544 ug/ml
11) T n-Heneicosane (C21)	13.497	9567071	67.465 ug/ml
13) T n-Docosane (C22)	14.082	9450034	67.263 ug/ml
14) T n-Tetracosane (C24)	15.179	18051624	128.801 ug/ml
15) T n-Hexacosane (C26)	16.205	9291341	66.262 ug/ml
16) T n-Octacosane (C28)	17.152	10173759	72.687 ug/ml
17) T n-Tricontane (C30)	18.041	9519711	65.261 ug/ml
18) T n-Dotriacontane (C32)	18.870	9447423	64.252 ug/ml
19) T n-Tetratriacontane (C34)	19.654	9450009	64.695 ug/ml
20) T n-Hexatriacontane (C36)	20.393	9272307	64.320 ug/ml
21) T n-Octatriacontane (C38)	21.123	9541061	63.739 ug/ml
22) T n-Tetracontane (C40)	22.020	9031716	59.850 ug/ml

(f)=RT Delta > 1/2 Window

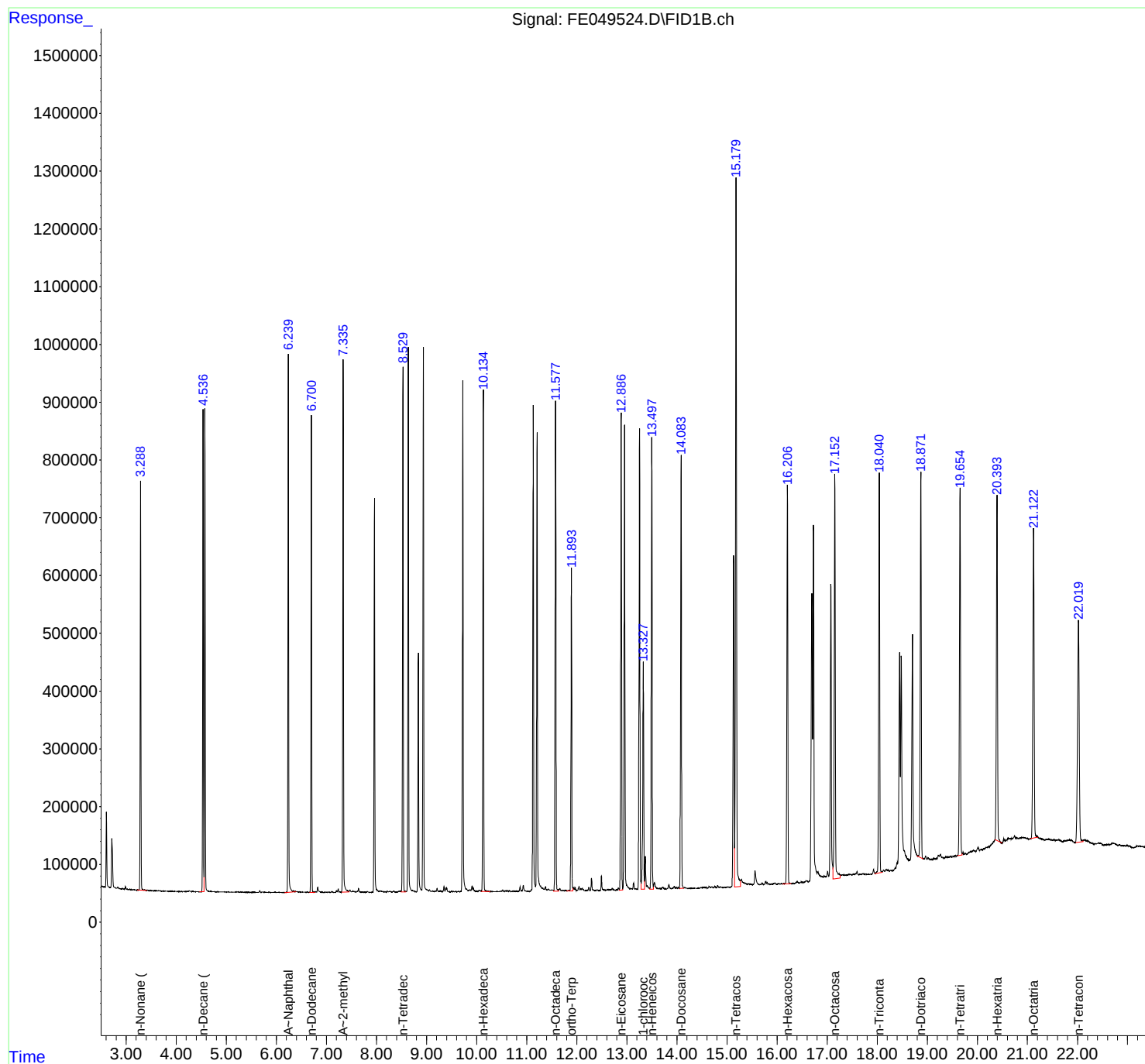
(m)=manual int.

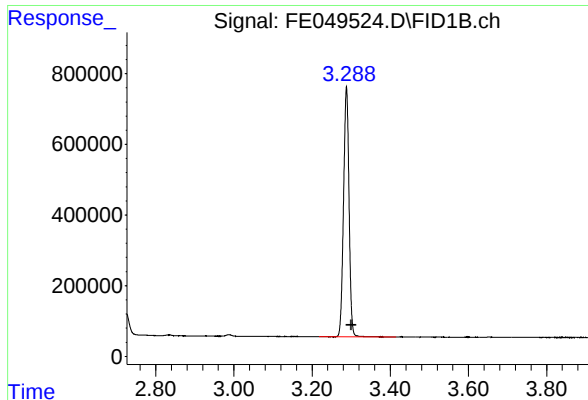
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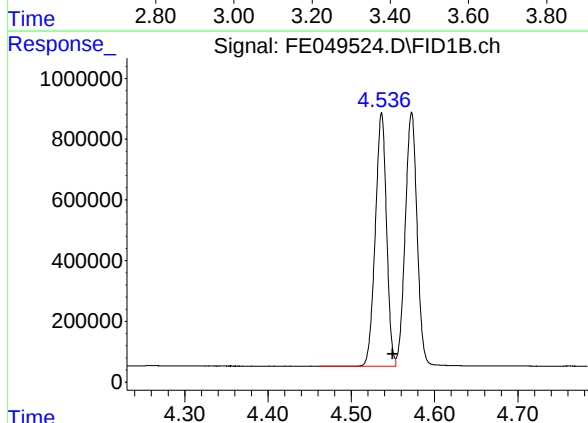




#1 n-Nonane (C9)

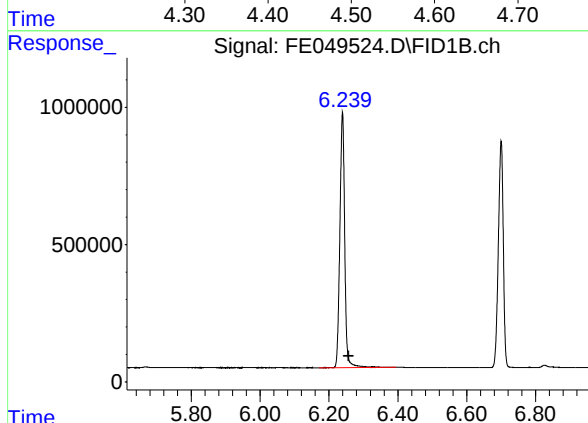
R.T.: 3.288 min
Delta R.T.: -0.013 min
Response: 6880851
Conc: 45.75 ug/ml

Instrument :
FID_E
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OR-02-080724MSD



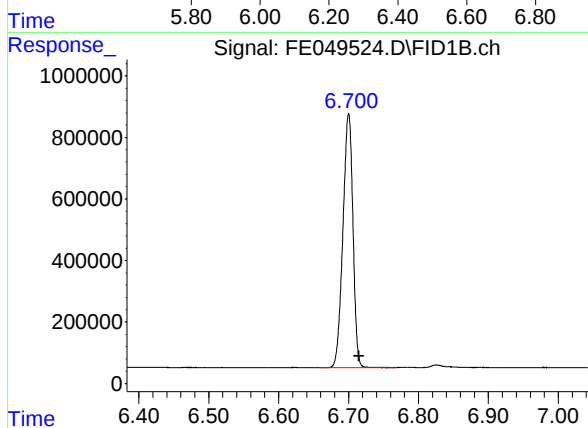
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.013 min
Response: 7795197
Conc: 50.47 ug/ml



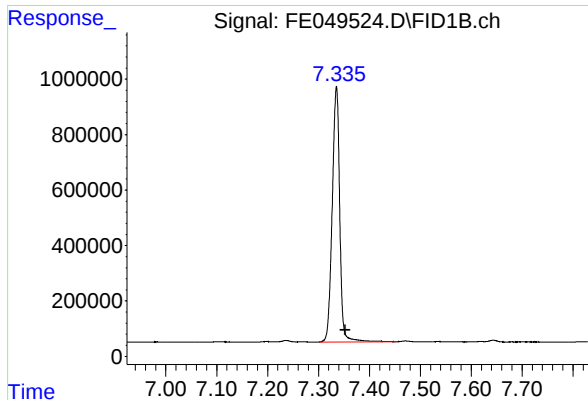
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.018 min
Response: 9119157
Conc: 58.53 ug/ml



#4 n-Dodecane (C12)

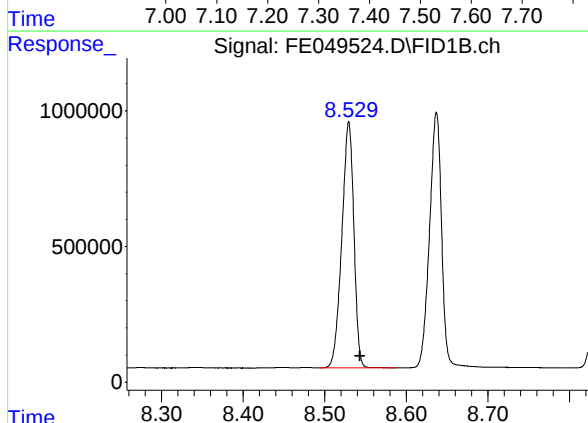
R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 8221748
Conc: 53.40 ug/ml



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

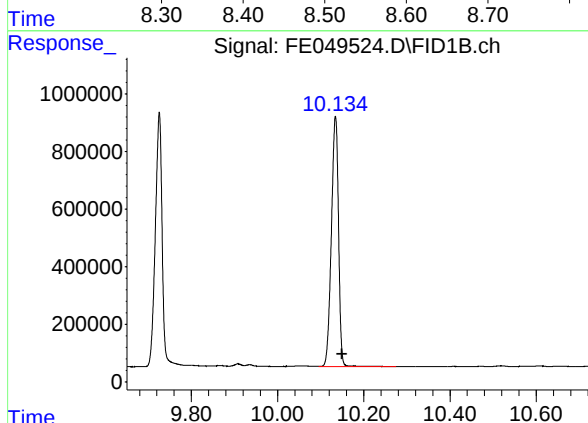
R.T.: 7.335 min
Delta R.T.: -0.018 min
Response: 9456736
Conc: 64.98 ug/ml

Instrument :
FID_E
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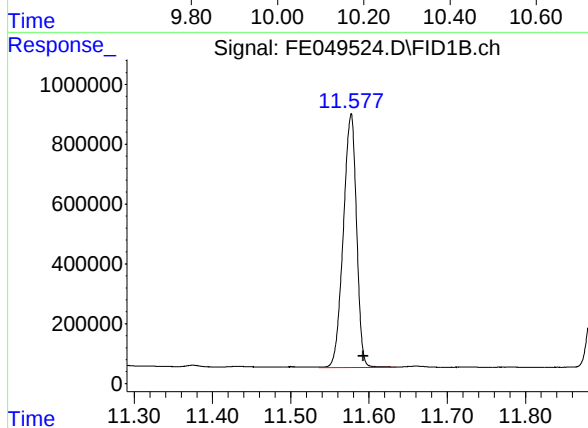
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.014 min
Response: 9318661
Conc: 61.40 ug/ml



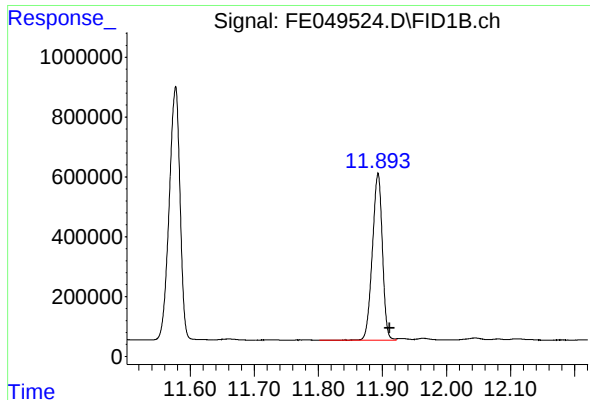
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.016 min
Response: 9956759
Conc: 65.65 ug/ml



#8 n-Octadecane (C18)

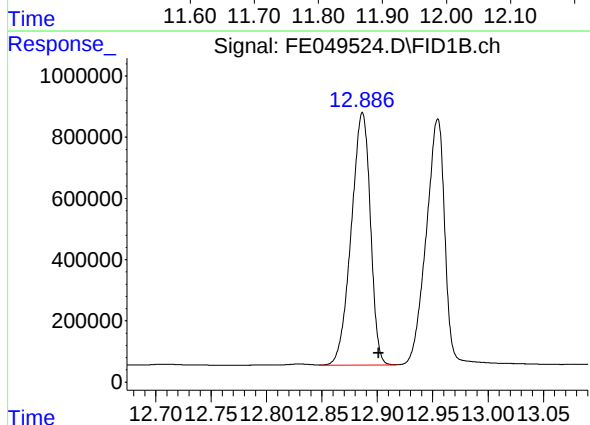
R.T.: 11.577 min
Delta R.T.: -0.016 min
Response: 9995778
Conc: 65.83 ug/ml



#9 ortho-Terphenyl (SURR)

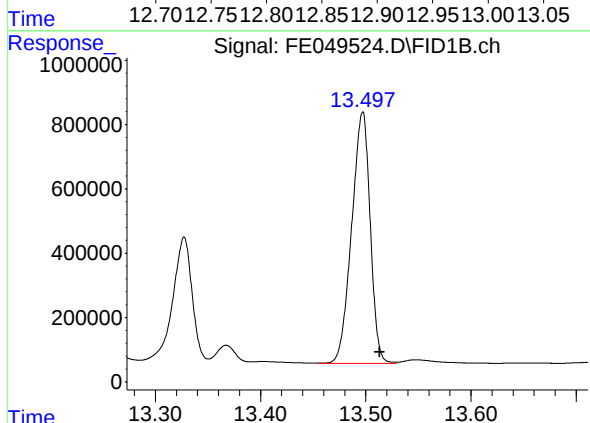
R.T.: 11.893 min
Delta R.T.: -0.018 min
Response: 6090207
Conc: 39.27 ug/ml

Instrument :
FID_E
ClientSampleId :
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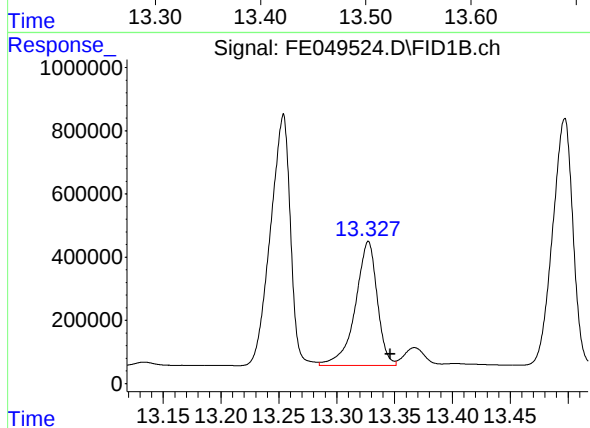
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.015 min
Response: 9911898
Conc: 68.54 ug/ml



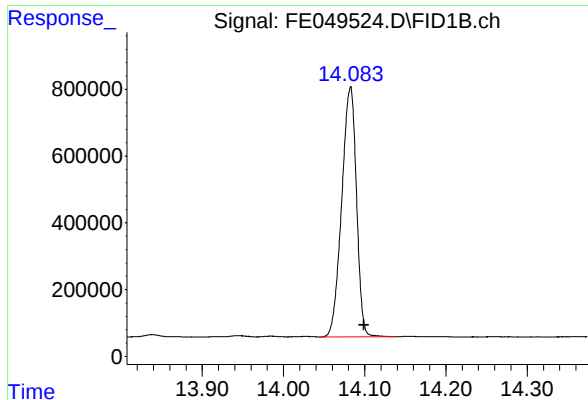
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.016 min
Response: 9567071
Conc: 67.46 ug/ml



#12 1-chlorooctadecane (SURR)

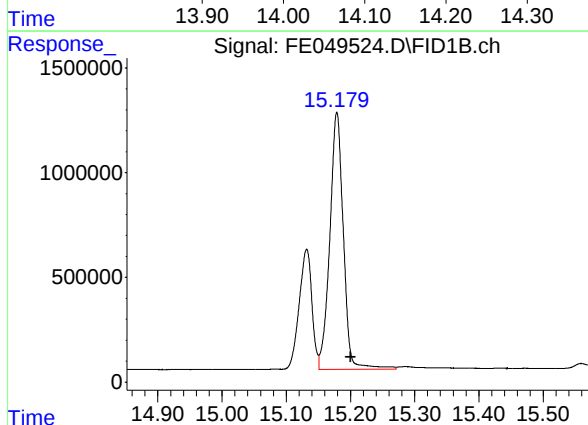
R.T.: 13.327 min
Delta R.T.: -0.019 min
Response: 5185344
Conc: 44.38 ug/ml



#13 n-Docosane (C22)

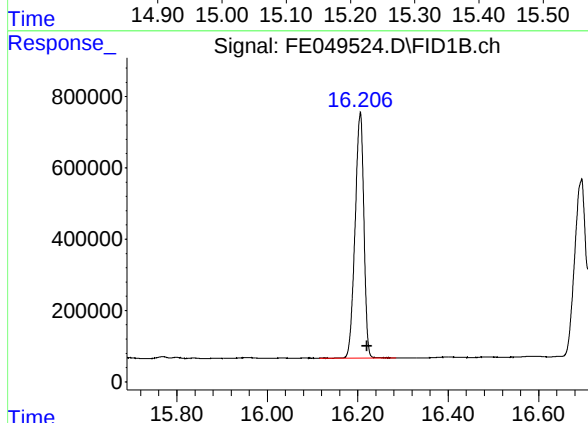
R.T.: 14.082 min
Delta R.T.: -0.017 min
Response: 9450034
Conc: 67.26 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-080724MSD



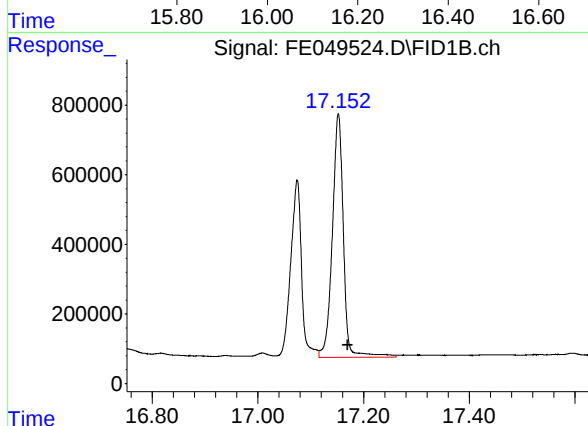
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.022 min
Response: 18051624
Conc: 128.80 ug/ml



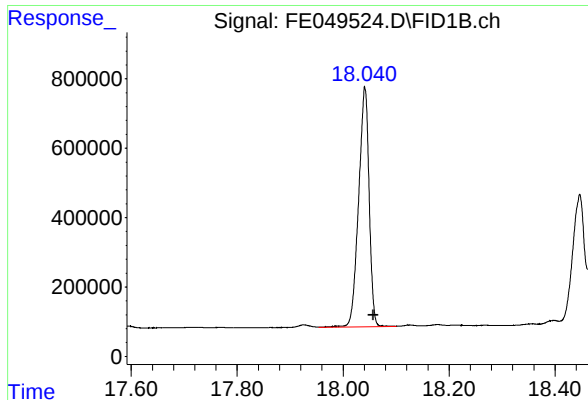
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.016 min
Response: 9291341
Conc: 66.26 ug/ml



#16 n-Octacosane (C28)

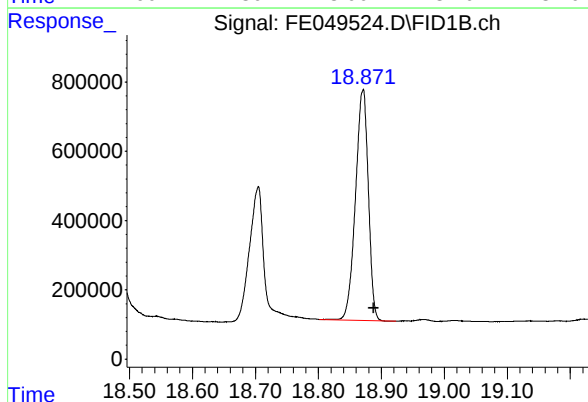
R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 10173759
Conc: 72.69 ug/ml



#17 n-Tricontane (C30)

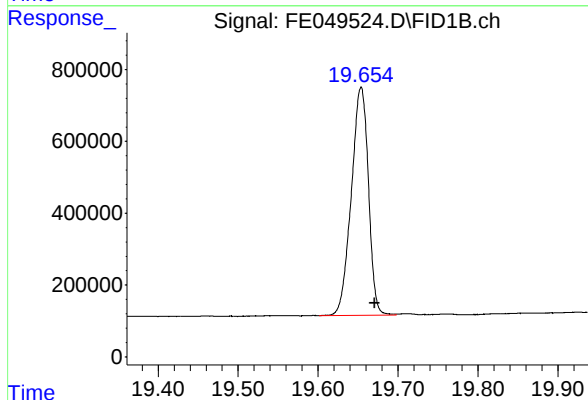
R.T.: 18.041 min
Delta R.T.: -0.016 min
Response: 9519711
Conc: 65.26 ug/ml

Instrument :
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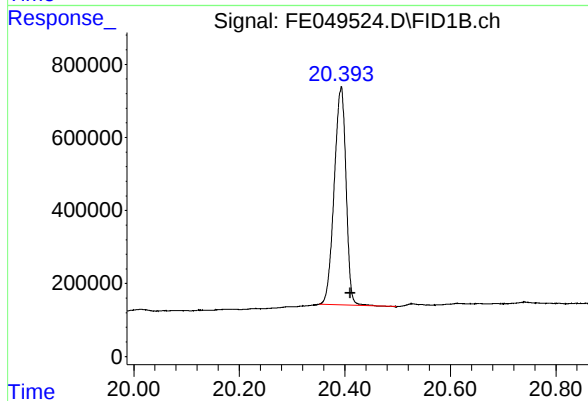
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.018 min
Response: 9447423
Conc: 64.25 ug/ml



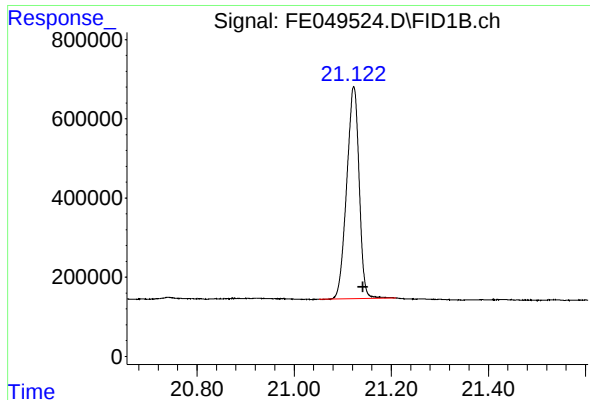
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.017 min
Response: 9450009
Conc: 64.70 ug/ml



#20 n-Hexatriacontane (C36)

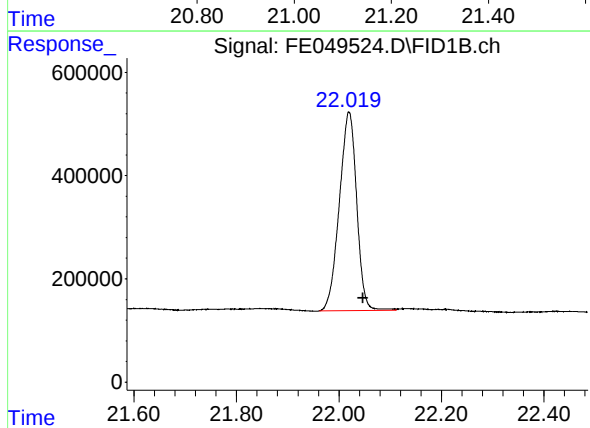
R.T.: 20.393 min
Delta R.T.: -0.018 min
Response: 9272307
Conc: 64.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.019 min
Response: 9541061
Conc: 63.74 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-080724MSD



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.027 min
Response: 9031716
Conc: 59.85 ug/ml